SAR TEST REPORT

No. 24T04Z101591-016

For

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

Mobile Phone

Model Name: CPH2659

with

Hardware Version: 11

Software Version: Color OS 15.0

FCC ID: R9C-OP23216

Issued Date: 2024-10-21

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

Test Laboratory:

CTTL, Telecommunication Technology Labs, CAICT

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REPORT HISTORY

Report Number	Revision	Issue Date	Description
24T04Z101591-016	Rev.0	2024-10-21	Initial creation of test report

TABLE OF CONTENT

1 Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. Testing Location

Location 1: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191

1.3. Testing Environment

Normal Temperature: 15-35℃

Extreme Temperature: -10/+55℃

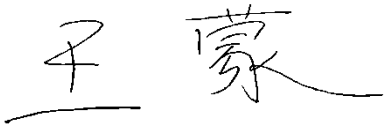
Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2024-8-30

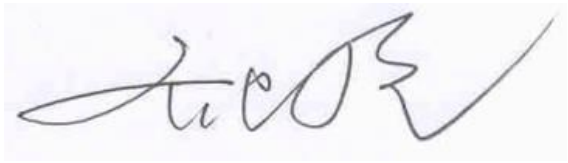
Testing End Date: 2024-10-2

1.5. Signature



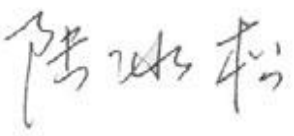
Wang Meng

(Prepared this test report)



Qi Dianyuan

(Reviewed this test report)



Lu Bingsong

Deputy Director of the laboratory

(Approved this test report)

2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for Guangdong OPPO Mobile Telecommunications Corp., Ltd. Mobile Phone CPH2659 are as follows:

Table 2.1: Highest Reported SAR (1g)

Mode		Antenna	Highest Reported SAR (1g)	
			1g SAR Head	1g SAR Body
GSM	GSM 850	ANT0	0.76	0.84
	PCS 1900	ANT5	0.06	0.66
WCDMA	UMTS FDD 2	ANT5	0.13	0.72
	UMTS FDD 2	ANT6	0.96	0.68
	UMTS FDD 4	ANT5	0.22	0.93
	UMTS FDD 4	ANT6	0.43	0.78
	UMTS FDD 5	ANT0	0.84	1.10
	UMTS FDD 5	ANT1	0.12	0.42
LTE	LTE Band 7	ANT5	0.09	0.80
	LTE Band 7	ANT6	1.08	0.82
	LTE Band 7	ANT7	0.46	0.87
	LTE Band 7	ANT4	0.46	0.67
	LTE Band 12/17	ANT0	1.04	0.94
	LTE Band 12/17	ANT1	0.09	0.30
	LTE Band 13	ANT0	0.60	0.85
	LTE Band 13	ANT1	0.03	0.23
	LTE Band 2/25	ANT5	0.10	0.53
	LTE Band 2/25	ANT6	0.34	0.29
	LTE Band 5/26	ANT0	0.98	1.18
	LTE Band 5/26	ANT1	0.10	0.45
	LTE Band 38	ANT5	0.08	0.48
	LTE Band 38	ANT6	0.45	0.59
	LTE Band 38	ANT7	0.55	0.88
	LTE Band 38	ANT4	0.68	0.49
	LTE Band 41 PC3	ANT5	0.09	0.67
	LTE Band 41 PC3	ANT6	0.61	0.64
	LTE Band 41 PC3	ANT7	0.31	0.93
	LTE Band 41 PC3	ANT4	0.91	0.49
	LTE Band 41 PC2	ANT5	0.08	0.61
	LTE Band 41 PC2	ANT6	0.76	0.58
	LTE Band 41 PC2	ANT7	0.27	0.86
	LTE Band 41 PC2	ANT4	0.82	0.44
	LTE Band 4/66	ANT5	0.14	0.80
	LTE Band 4/66	ANT6	0.76	0.90
	LTE Band 4/66	ANT7	0.64	0.50
	LTE Band 4/66	ANT4	0.44	0.37
NR	N2	ANT5	0.08	0.47
	N2	ANT6	0.52	0.60
	N5	ANT0	0.43	0.34

	N5	ANT1	0.03	0.17
	N7	ANT5	0.20	0.39
	N7	ANT6	0.31	0.24
	N7	ANT7	0.62	0.53
	N7	ANT4	0.38	0.08
	N12	ANT0	0.51	0.58
	N12	ANT1	0.06	0.20
	N25	ANT5	0.06	0.51
	N25	ANT6	0.91	0.95
	N26	ANT0	0.90	0.64
	N26	ANT1	<0.01	0.18
	N38	ANT5	0.20	0.64
	N38	ANT6	0.29	0.21
	N38	ANT7	0.61	1.10
	N38	ANT4	0.35	0.19
	N41	ANT5	0.24	0.32
	N41	ANT6	0.45	0.28
	N41	ANT7	0.47	0.64
	N41	ANT4	0.54	0.26
	N66	ANT5	0.09	0.52
	N66	ANT6	0.99	0.82
	N66	ANT7	0.63	0.42
	N66	ANT4	0.18	0.08
WLAN 2.4 GHz		ANT12	1.05	0.27
		ANT7	0.78	0.34
		MIMO	0.42	0.37
WLAN 5 GHz		ANT9	0.62	0.30
		ANT10	0.25	0.45
		ANT14	0.35	0.30
		MIMO(9+10)	0.24	0.33
		MIMO(10+14)	0.27	0.26
WLAN 6E		ANT9	<0.01	<0.01
		ANT10	<0.01	<0.01
		ANT14	<0.01	<0.01
BT		12	0.08	<0.01
		7	0.08	<0.01
		13	<0.01	<0.01

The SAR values found for the Mobile Phone are below the maximum recommended levels of 1.6 W/kg as averaged over any 1g tissue according to the ANSI C95.1-1992.

For body operation, this device has been tested and meets FCC RF exposure guidelines when used with any accessory that contains no metal and which provides a minimum separation distance of 10 mm between this device and the body of the user. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power output.

The measurement together with the test system set-up is described in annex C of this test report. A

detailed description of the equipment under test can be found in chapter 4 of this test report. The highest reported SAR value is obtained at the case of **(Table 2.1),** and the values are**:**

Head: 1.08 W/kg(1g)

Body: 1.18 W/kg(1g)

The device have similar frequency in some LTE bands ： LTE Band2/25, LTE Band4/66, LTE Band5/26 and LTE Band12/17 since the supported frequency spans for the smaller LTE bands are completely cover by the larger LTE bands and the channel bandwidth and other operating parameters for the smaller band be fully supported by the larger band, therefore, only larger LTE bands were required to be tested for SAR.

Table 2.2: The sum of SAR values for Main antenna + WiFi

	Position	**Main antenna**	**WiFi**		**BT**	**Sum**
Highest SAR value	Right head, Cheek	0.963 (WCDMA1900 ANT6)	0.350 (WiFi2.4G ANT7)	0.266 (WiFi5G MIMO)	<0.01 (ANT12)	**1.579**

Note: The result of NFC is lower than 0.01

According to the above tables, the highest sum of reported SAR values is **1.579 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 14.

Conclusion:

According to the above tables, the sum of reported SAR values is<1.6W/kg for 1g SAR. So the simultaneous transmission SAR with volume scans is not required.

3 Client Information

3.1 Applicant Information

Company Name:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address/Post:	NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China
Contact Person:	Xiong Bo
Contact Email:	xiongbo@oppo.com
Telephone:	(86)76986076999
Fax	/

3.2 Manufacturer Information

Company Name:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address/Post:	NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China
Contact Person:	Xiong Bo
Contact Email:	xiongbo@oppo.com
Telephone:	(86)76986076999
Fax	/

4 Equipment Under Test (EUT) and Ancillary Equipment (AE)

4.1 About EUT

Description:	Mobile Phone	
Model name:	CPH2659	
Tested Band:	GSM850/1900, WCDMA B2/4/5 LTE Band FDD:2/4/5/7/12/13/17/25/26/66 LTE Band TDD:38/41 5G NR N2/5/7/12/25/26/38/41/66 BT, Wi-Fi(2.4G), Wi-Fi(5G), Wi-Fi(6E),NFC	
Tx Frequency:	824 – 849 MHz (GSM 850)	
	1850 – 1910 MHz (GSM 1900)	
	824–849 MHz (WCDMA 850 Band V)	
	1710 – 1755 MHz (WCDMA 1700 Band IV)	
	1850–1910 MHz (WCDMA1900 Band II)	
	1850 – 1910 MHz(LTE Band 2)	
	1710 – 1755 MHz (LTE Band 4)	
	824 – 849 MHz (LTE Band 5)	
	2500 – 2570 MHz(LTE Band 7)	
	699 – 716 MHz (LTE Band 12)	
	777 –787 MHz (LTE Band 13)	
	704 –716 MHz (LTE Band 17)	
	1850 – 1915 MHz(LTE Band 25)	
	814 – 849 MHz (LTE Band 26)	
	2570 – 2620 MHz (LTE Band 38)	
	2496 – 2690 MHz (LTE Band 41)	
	1710 – 1780 MHz (LTE Band 66)	
	2412 – 2462 MHz (Wi-Fi 2.4G)	
	5180 – 5240 MHz	(Wi-Fi 5G)
	5260 – 5320 MHz	
	5500 – 5700 MHz	
	5745 – 5825 MHz	
	5925 – 6425 MHz	(Wi-Fi 6E)
	6425 – 6525 MHz	
	6525 – 6875 MHz	
	6875 – 7125 MHz	
	2400 – 2483.5 MHz (Bluetooth)	
	1850 – 1910 MHz(n2)	
	824 – 849 MHz(n5)	
	2500 – 2570 MHz (n7)	
	699 – 716 MHz (n12)	
	1850 – 1915 MHz(n25)	
	814 – 849 MHz (n26)	
	2570 – 2620 MHz (n38)	
	2496 – 2690 MHz (n41)	
	1710– 1780 MHz (n66)	
	13.56 MHz (NFC)	
GPRS/EGPRS Multislot Class:	33	

Test device production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna
Hotspot mode:	Support

4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version
EUT1	866185070032810	11	Color OS 15.0
EUT2	866185070033271	11	Color OS 15.0
EUT3	866185070033297	11	Color OS 15.0
EUT4	866185070033172	11	Color OS 15.0
EUT5	866185070022514	11	Color OS 15.0
EUT6	866185070035177	11	Color OS 15.0
EUT7	866185070034956	11	Color OS 15.0
EUT8	866185070033255	11	Color OS 15.0
EUT9	866185070033214	11	Color OS 15.0

*EUT ID: is used to identify the test sample in the lab internally.

Note: It is performed to test SAR with the EUT1~5 and conducted power with the EUT6~9.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	BLPB05	/	Dongguan NVT Technology Co., Ltd

*AE ID: is used to identify the test sample in the lab internally.

5 TEST METHODOLOGY

5.1 Applicable Limit Regulations

ANSI C95.1–1992:IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

It specifies the maximum exposure limit of **1.6 W/kg** as averaged over any 1 gram of tissue for portable devices being used within 20 cm of the user in the uncontrolled environment.

5.2 Applicable Measurement Standards

IEEE 1528–2013: Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques.

KDB447498 D01: General RF Exposure Guidance v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

KDB648474 D04 Handset SAR v01r03: SAR Evaluation Considerations for Wireless Handsets.

KDB941225 D01 SAR test for 3G devices v03r01: SAR Measurement Procedures for 3G Devices

KDB941225 D05 SAR for LTE Devices v02r05: SAR Evaluation Considerations for LTE Devices

KDB941225 D06 Hotspot Mode SAR v02r01: SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities

KDB248227 D01 802.11 Wi-Fi SAR v02r02: SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS

KDB865664 D01 SAR measurement 100 MHz to 6 GHz v01r04: SAR Measurement Requirements for 100 MHz to 6 GHz.

KDB865664 D02 RF Exposure Reporting v01r02: RF Exposure Compliance Reporting and Documentation Considerations

TCB Workshop April 27, 2022:RF Exposure Procedures

TCB Workshop Nov 2019:RF Exposure Policy Updates (5G NR NSA Sub 6G SAR)

6 Smart Transmit feature for RF Exposure compliance

The FCC RF exposure limit is defined based on time-averaged RF exposure. The product implements MediaTek TAS feature which controls the instantaneous transmitting power for WWAN transmitter to ensure the product in compliance with FCC RF exposure limit over a defined time window for SAR (transmit frequency ≤ 10GHz). To control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is compliant to the regulation requirement.

The purpose of the Part 1 test in this report is to demonstrate that the device meets the FCC SAR limits when transmitting in static transmission scenario at maximum allowable time-averaged power levels. The parameters obtained from SAR characterization (referred to as SAR char, respectively) will be used as input for TAS. SAR char will be entered via the Embedded File System to enable the TAS Feature.

Term	Description
P_{limit}	The time-averaged RF power which corresponds to SAR_design_target.
P_{max}	Maximum target power level
SAR_design_target:	The design target for SAR compliance. It should be less than regulatory power density limit to account for all device design related uncertainties.
SAR Char	P_{limit} for all the technologies/bands for all applicable ECI

TAS allows the device to transmit at higher power instantaneously, as high as P_{max}, when needed, but enforces power limiting to maintain time-averaged transmit power to P_{limit}. Below table shows P_{limit} settings and maximum tune up output power P_{max} configured for this EUT for various transmit conditions (Device State Index ECI).

ECI and Corresponding Exposure Scenarios

Scenario	Description
ECI 1	Body (Standalone)
ECI 2	Head (Standalone)
ECI 3	Body (WWAN+WLAN2.4/5/6+BT)
ECI 4	Head (WWAN+WLAN2.4/5/6+BT)
ECI 5	Body (WWAN+WLAN2.4+5/6+BT)
ECI 6	Head (WWAN+WLAN2.4+5/6+BT)

<P_{limit} for supported technologies and bands (P_{limit} in EFS file)>

Band	Antenna	Duty Cycle	DSI 1	DSI 2	DSI 3	DSI 4	DSI 5	DSI 6	Pmax*
			brust power	brust power	brust power	brust power	brust power	brust power	brust power
GSM850	0	12.50%	32.1	30.6	30.5	29.8	29.3	28.8	32.6
GSM1900	5		30	30	28.2	30	26.9	30	30
WCDMA Band 2	5	100%	21	24.2	19	24.2	17.7	24.2	24.2
	6		19	15.2	17.1	14.4	15.7	13.4	24.1
WCDMA Band 4	5		19.2	24.2	17.3	24.2	16.1	24.2	24.2
	6		19.9	13.8	17.9	13	16.6	12	24.2
WCDMA Band 5	0		23.6	21.1	22.2	20.3	20.9	19.3	23.6
	1		24.1	24.1	24.1	24.1	22.7	24.1	24.1
LTE Band2	5		17.7	23.7	15.8	23.7	14.6	23.7	24.2
	6		16	13.4	14.2	12.5	12.9	11.6	23.9
LTE Band4	5		21	23.7	19.7	23.7	18.4	23.7	24.2
	6		19	16	16.7	13.7	15.4	12.7	23.7
	4		15.2	17.2	13.3	16.3	12.1	15.4	21.8
	7		20.1	17.6	18.3	16.8	17	15.7	24
LTE Band5	0		22.8	22.8	20.8	21.8	19.8	20.8	23.8
	1		24.2	24.2	24.2	24.2	23.5	24.2	24.2
LTE Band7	5		19.6	24.2	17.7	24.2	16.3	24.2	24.2
	6		18.3	16.9	15	14.6	13.7	13.7	23.8
	4		16.3	15	14.3	14.2	13	13.2	21
	7		18.4	14.4	16.6	13.6	15.3	12.6	23.9
LTE Band12	0		21.4	21.2	19.6	20.3	18.4	19.3	23.4
	1		23.8	23.8	22.7	23.8	21.4	23.8	23.8
LTE Band13	0		21.7	21.5	19.9	20.6	18.7	19.6	23.7
	1		24	24	22.9	24	21.6	24	24
LTE Band17	0		21.4	21.2	19.6	20.3	18.4	19.3	23.4
	1		23.8	23.8	22.7	23.8	21.4	23.8	23.8
LTE Band25	5		17.7	23.7	15.8	23.7	14.6	23.7	24.2
	6		16	13.4	14.2	12.5	12.9	11.6	23.9
LTE Band26	0		22.8	22.8	20.8	21.8	19.8	20.8	23.8
	1		24.2	24.2	24.2	24.2	23.5	24.2	24.2
LTE Band38	5	63.30%	20.3	24.2	18.3	24.2	16.9	24.2	24.2
	6		19.5	16.9	15.7	14.2	14.3	13.2	24.2
	4		19.2	16.7	15.7	14.2	14.4	13.2	21
	7		18.5	16.5	16.7	15.5	15.4	14.5	24
LTE Band41 PC2	5	43.30%	20.2	26	16.8	26	15.4	26	26
	6		20.7	19.5	15.8	15.7	14.5	14.7	25.2
	4		19.7	18.5	16.3	16.2	15	15.2	23
	7		20.3	16.3	17	14	15.7	13	26
LTE Band41 PC3	5	63.30%	19	23	13.8	23	12.4	23	23
	6		19.4	18.2	13.2	13.1	11.9	12.1	22.6
	4		18.5	17.2	13.3	13.2	12	12.2	20
	7		19	15	14	11	12.7	10	23
LTE Band66	5	100%	21	23.7	19.7	23.7	18.4	23.7	24.2
	6		19	16	16.7	13.7	15.4	12.7	23.7
	4		15.2	17.2	13.3	16.3	12.1	15.4	21.8
	7		20.1	17.6	18.3	16.8	17	15.7	24
N2	5	100%	19.6	24	18.1	24	16.8	24	24
	6		17.4	15.3	16.2	14.9	14.9	13.9	24.2
N5	0		21	21.2	19.2	20.3	18	19.3	23.8
	1		24.1	24.1	22.2	24.1	20.9	24.1	24.1
N7	5		19.6	24.2	17.7	24.2	16.3	24.2	24.2
	6		17.4	16.9	15.4	16	14.1	15.1	24.2
	4		13.4	12.1	11.4	11.3	10.1	10.3	21.2
	7		16.7	15.7	14.7	14.7	13.7	13.7	24.2
N12	0		19.8	19.8	19.2	19.8	18	19.3	23.8
	1		24.2	24.2	22.2	24.2	20.9	24.2	24.2
N25	5		19.8	24	17.9	24	16.6	24	24
	6		18.1	15.4	17.3	15.4	15.9	14.5	24.2
N26	0		21	21.2	19.2	20.3	18	19.3	23.8
	1		24.2	24.2	22.2	24.2	20.9	24.2	24.2
N38	5		20.3	24.2	18.3	24.2	16.9	24.2	24.2
	6		17.7	17.1	15.7	16.2	14.3	15.3	24.2
	4		13.6	12.3	11.6	11.5	10.3	10.5	21.2
	7		18.7	16.2	16.9	15.2	15.6	14.2	24.2
N41	5		18.7	25.3	16.8	25.3	15.4	25.3	25.3
	6		18	18.4	16	17.5	14.7	16.5	26
	4		16.8	15.5	14.8	14.7	13.5	13.7	24
	7		17.3	15	15.5	14	14.5	13	26.5
N66	5		20	23	18.2	23	16.9	23	24.2
	6		17.8	14.3	16	13.5	14.7	12.5	24
	4		12.8	13.8	10.9	13	9.7	12	21.8
	7		19.8	16.3	18.5	15.8	17.2	14.8	24.2

Note:

1 When Pmax <Plimit, the DUT will operate at a power level up to Pmax.

2 Pmax is used for RF tune up procedure. The maximum allowed output power is equal to Pmax + device uncertainty.

7 Specific Absorption Rate (SAR)

7.1 Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

7.2 SAR Definition

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ) . The equation description is as below:

$$SAR = \frac{d}{dt}\left(\frac{dW}{dm}\right) = \frac{d}{dt}\left(\frac{dW}{\rho dv}\right)$$

SAR is expressed in units of Watts per kilogram (W/kg)
SAR measurement can be either related to the temperature elevation in tissue by

$$SAR = c\left(\frac{\delta T}{\delta t}\right)$$

Where: C is the specific head capacity, δT is the temperature rise and δt is the exposure duration, or related to the electrical field in the tissue by

$$SAR = \frac{\sigma |E|^2}{\rho}$$

Where: σ is the conductivity of the tissue, ρ is the mass density of tissue and E is the RMS electrical field strength.

However for evaluating SAR of low power transmitter, electrical field measurement is typically applied.

8 Tissue Simulating Liquids

8.1 Targets for tissue simulating liquid

Table 8.1: Targets for tissue simulating liquid

Frequency(MHz)	Liquid Type	Conductivity(σ)	±5% Range	Permittivity(ε)	± 5% Range
750	Head	0.89	0.85～0.93	41.94	39.8～44.0
835	Head	0.90	0.86～0.95	41.5	39.4～43.6
1750	Head	1.37	1.30～1.44	40.08	38.1～42.1
1900	Head	1.40	1.33～1.47	40.0	38.0～42.0
2450	Head	1.80	1.62～1.98	39.2	35.28～43.12
2600	Head	1.96	1.76～2.16	39.01	35.11～42.91
5250	Head	4.71	4.47～4.95	35.93	34.13～37.73
5600	Head	5.07	4.82～5.32	35.53	33.8～37.3
5750	Head	5.22	4.96～5.48	35.36	33.59～37.13
6500	Head	6.07	5.77～6.37	34.50	32.78～36.23

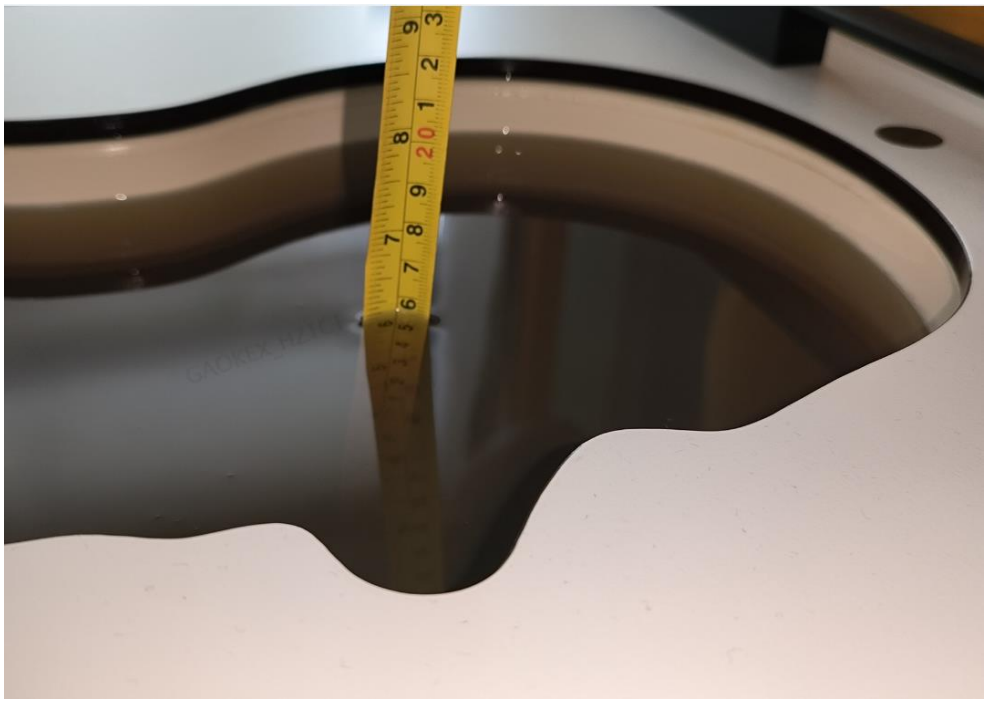
8.2 Dielectric Performance

Table 8.2: Dielectric Performance of Tissue Simulating Liquid

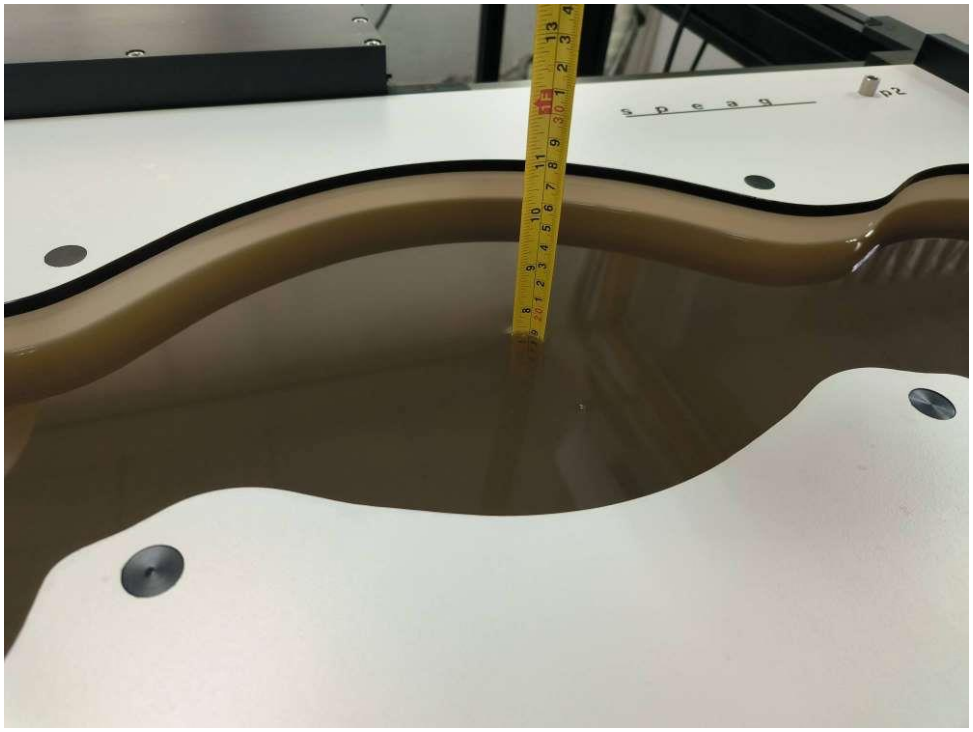
Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2024/9/1	Head	750 MHz	43.11	2.79	0.928	4.27
2024/8/30	Head	835 MHz	42.88	3.33	0.938	4.22
2024/9/14	Head	835 MHz	42.49	2.39	0.928	3.11
2024/9/16	Head	835 MHz	42.14	1.54	0.921	2.33
2024/8/31	Head	1750 MHz	41.77	4.22	1.393	1.68
2024/9/6	Head	1750 MHz	41.14	2.64	1.372	0.15
2024/9/6	Head	1900 MHz	41.05	2.62	1.462	4.43
2024/9/7	Head	1900 MHz	40.68	1.70	1.448	3.43
2024/9/4	Head	1900 MHz	40.22	0.55	1.432	2.29
2024/9/21	Head	2450 MHz	40.9	4.34	1.864	3.56
2024/9/14	Head	2600 MHz	40.07	2.72	1.949	-0.56
2024/9/9	Head	2600 MHz	40.48	3.77	1.969	0.46
2024/9/10	Head	2600 MHz	39.7	1.77	1.932	-1.43
2024/9/12	Head	2600 MHz	39.46	1.15	1.92	-2.04
2024/9/18	Head	2600 MHz	39.87	2.20	1.939	-1.07
2024/9/20	Head	2600 MHz	40.27	3.23	1.959	-0.05
2024/9/23	Head	5250 MHz	36.39	1.28	4.587	-2.61
2024/9/25	Head	5250 MHz	36.17	0.67	4.559	-3.21
2024/9/23	Head	5600 MHz	35.77	0.68	4.98	-1.78
2024/9/25	Head	5600 MHz	35.56	0.08	4.95	-2.37
2024/9/23	Head	5750 MHz	35.56	0.57	5.151	-1.32
2024/9/25	Head	5750 MHz	35.35	-0.03	5.12	-1.92
2024/9/27	Head	6500 MHz	33.2	-3.77	6.22	2.47

2024/9/30	Head	13 MHz	52.35	-4.82	0.716	-4.53

Note: The liquid temperature is 22.0℃



Picture 8-1 Liquid depth in the Head Phantom

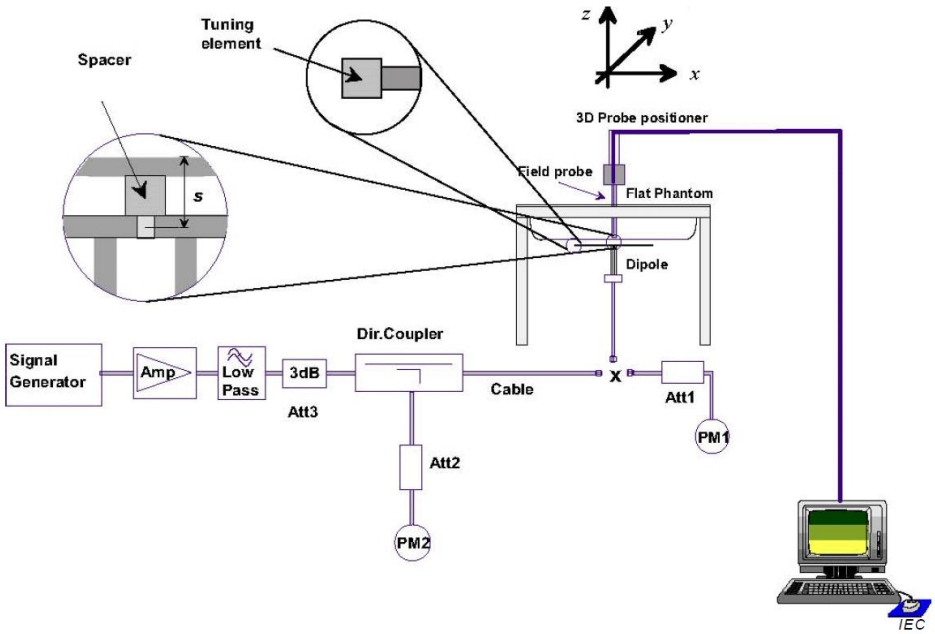


Picture 8-2 Liquid depth in the Flat Phantom

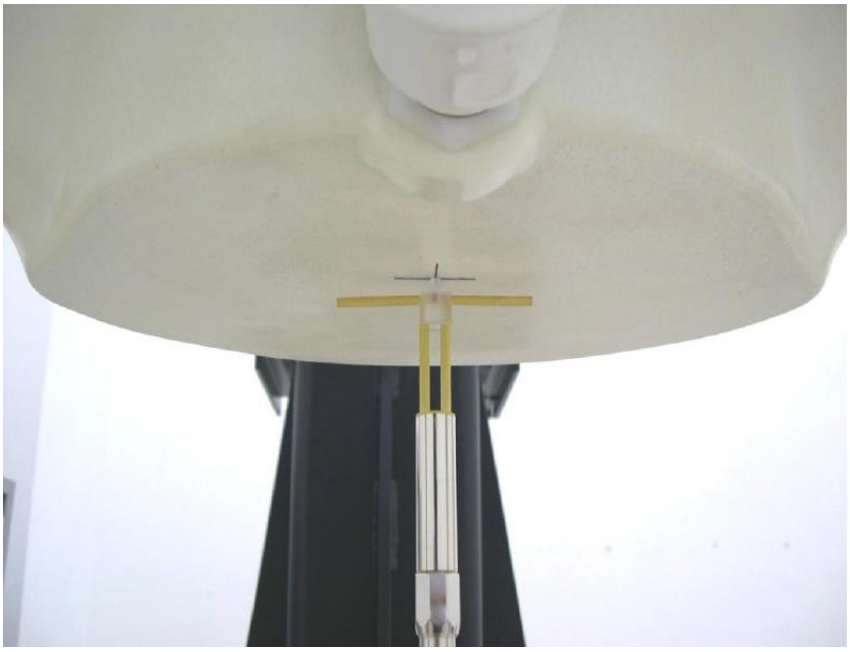
9 System verification

9.1 System Setup

In the simplified setup for system evaluation, the DUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave that comes from a signal generator. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The equipment setup is shown below:



Picture 9-1 System Setup for System Evaluation



Picture 9-2 Photo of Dipole Setup

9.2 System Verification

SAR system verification is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device. The system verification results are required that the area scan estimated 1-g SAR is within 3% of the zoom scan 1-g SAR.

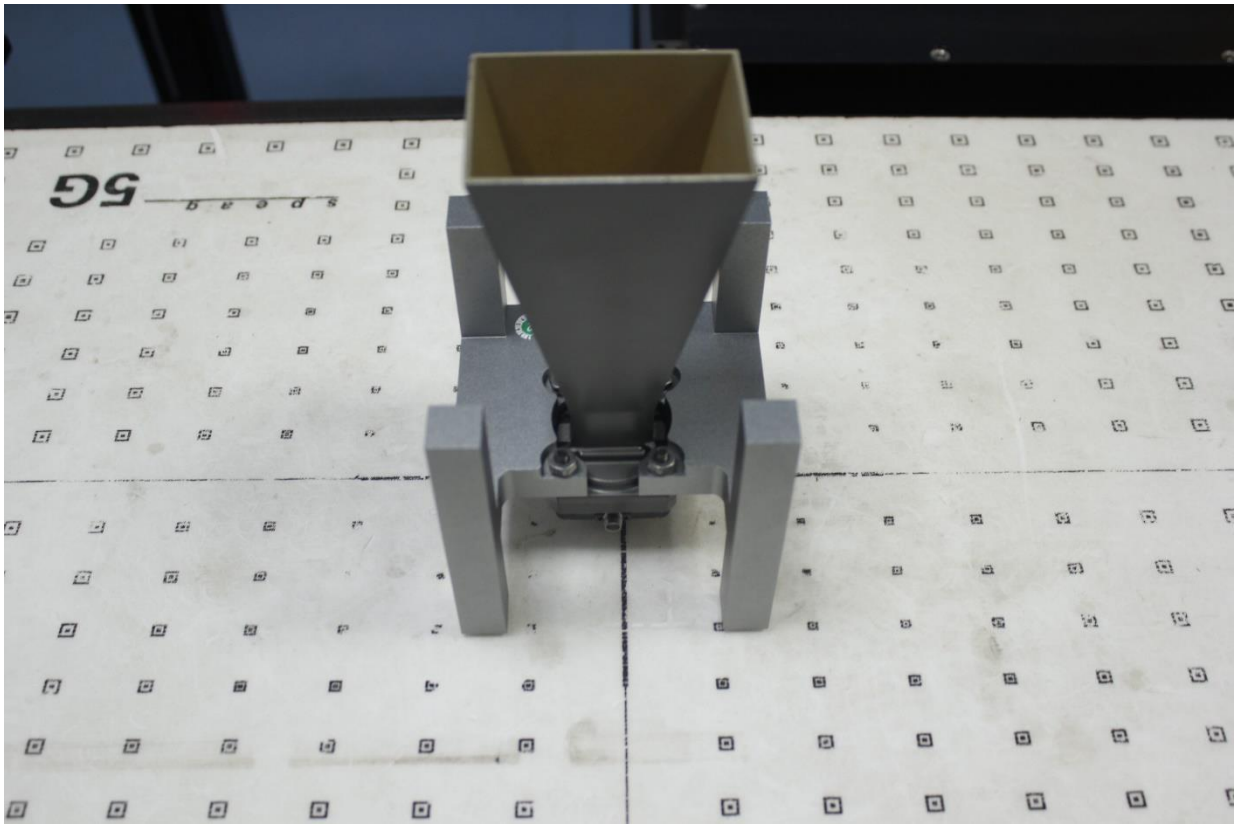
Table 9.1: System Verification of Head

Measurement Date (yyyy-mm-dd)	Frequency	Target value (W/kg)		Measured value(W/kg)		Deviation	
		10 g Average	1 g Average	10 g Average	1 g Average	10 g Average	1 g Average
2024/9/1	750 MHz	5.53	8.52	5.76	8.60	4.16%	0.94%
2024/8/30	835 MHz	6.09	9.47	6.44	9.72	5.75%	2.64%
2024/9/14	835 MHz	6.09	9.47	6.48	9.80	6.40%	3.48%
2024/9/16	835 MHz	6.09	9.47	6.36	9.72	4.43%	2.64%
2024/8/31	1750 MHz	19.8	37.2	19.6	36.4	-1.21%	-2.26%
2024/9/6	1750 MHz	19.8	37.2	19.6	36.5	-0.81%	-1.83%
2024/9/6	1900 MHz	20.6	39.1	20.8	39.7	0.78%	1.59%
2024/9/7	1900 MHz	20.6	39.1	20.6	39.5	0.00%	0.97%
2024/9/4	1900 MHz	20.6	39.1	20.6	39.8	-0.19%	1.69%
2024/9/21	2450 MHz	24.5	52.2	25.6	54.4	4.33%	4.21%
2024/9/14	2600 MHz	24.8	54.9	24.6	54.4	-0.97%	-0.91%
2024/9/9	2600 MHz	24.8	54.9	25.2	55.6	1.77%	1.28%
2024/9/10	2600 MHz	24.8	54.9	24.6	55.6	-0.81%	1.28%
2024/9/12	2600 MHz	24.8	54.9	24.7	55.6	-0.48%	1.28%
2024/9/18	2600 MHz	24.8	54.9	25.4	57.2	2.42%	4.19%
2024/9/20	2600 MHz	24.8	54.9	24.6	55.2	-0.81%	0.55%
2024/9/23	5250 MHz	22.4	78.3	22.8	79.4	1.79%	1.40%
2024/9/25	5250 MHz	22.4	78.3	22.3	77.9	-0.45%	-0.51%
2024/9/23	5600 MHz	23.2	81.7	23.4	82.2	0.86%	0.61%
2024/9/25	5600 MHz	23.2	81.7	23.2	81.3	0.00%	-0.49%
2024/9/23	5750 MHz	22.8	79.9	22.4	79.3	-1.75%	-0.75%
2024/9/25	5750 MHz	22.8	79.9	22.7	79.4	-0.44%	-0.63%
2024/9/27	6500 MHz	53.3	289.0	51.6	286.0	-3.19%	-1.04%
2024/9/30	13 MHz	0.340	0.553	0.322	0.521	-5.29%	-5.79%

9.3 PD System Performance Check Results

The system was verified to be within ±0.66 dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check. The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes.

Date	Frequency (GHz)	5G Verification Source	Probe S/N	Distance (mm)	Measured 4cm^2 (W/m^2)	Targeted 4cm^2 (W/m^2)	Deviation (db)
2024/10/1	10	10GHz_1005	9492	10	55.5	58.4	0.22



Picture 8.3 System Setup for System Evaluation

10 Measurement Procedures

10.1 Tests to be performed

In order to determine the highest value of the peak spatial-average SAR of a handset, all device positions, configurations and operational modes shall be tested for each frequency band according to steps 1 to 3 below. A flowchart of the test process is shown in picture 9.1.

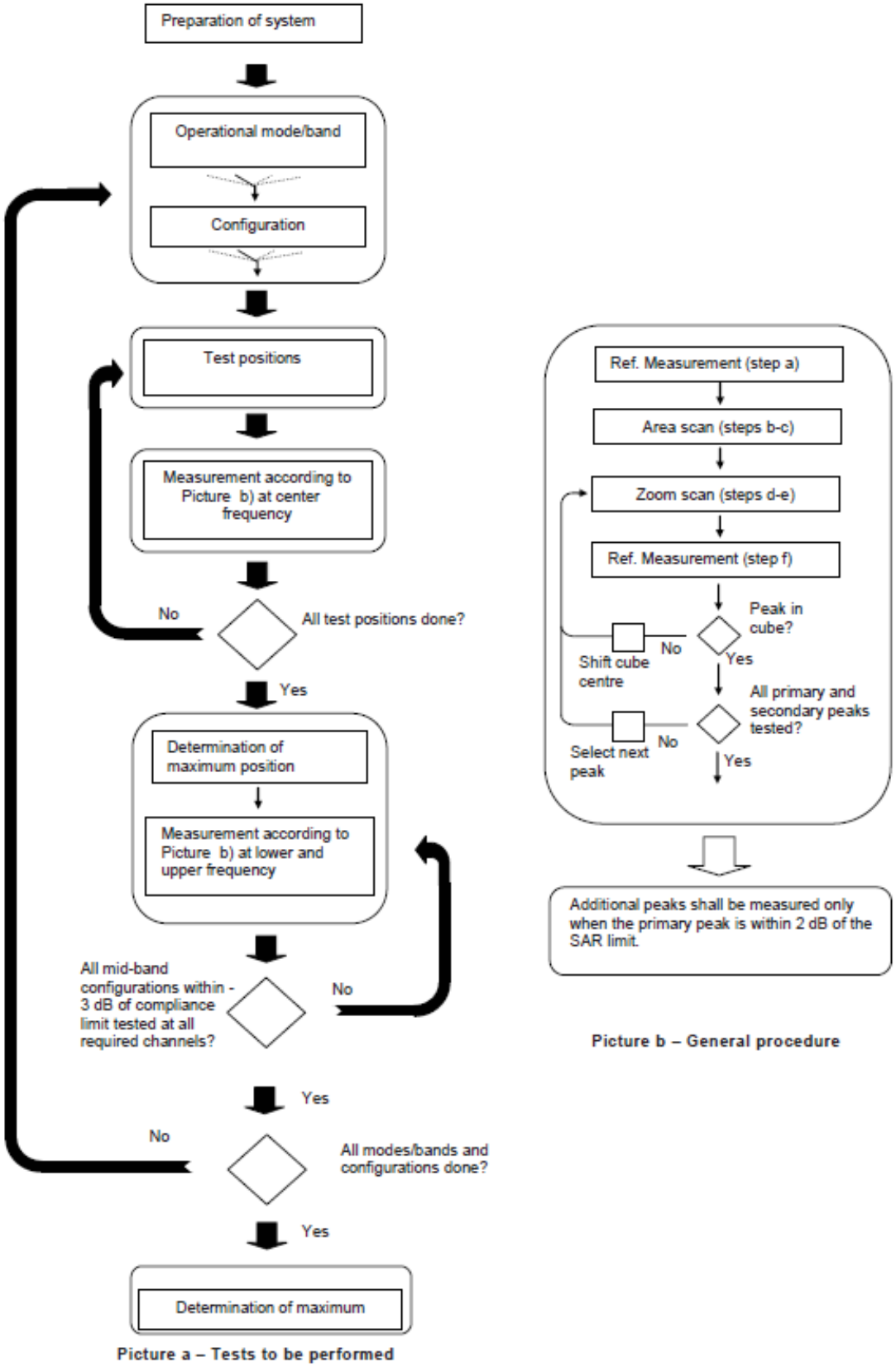
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

a) all device positions (cheek and tilt, for both left and right sides of the SAM phantom, as described in annex D),
b) all configurations for each device position in a), e.g., antenna extended and retracted, and
c) all operational modes, e.g., analogue and digital, for each device position in a) and configuration in b) in each frequency band.

If more than three frequencies need to be tested according to 11.1 (i.e., N_c > 3), then all frequencies, configurations and modes shall be tested for all of the above test conditions.

Step 2: For the condition providing highest peak spatial-average SAR determined in Step 1,perform all tests described in 9.2 at all other test frequencies, i.e., lowest and highest frequencies. In addition, for all other conditions (device position, configuration and operational mode) where the peak spatial-average SAR value determined in Step 1 is within3 dB of the applicable SAR limit, it is recommended that all other test frequencies shall be tested as well.

Step 3: Examine all data to determine the highest value of the peak spatial-average SAR found in Steps 1 to 2.



Picture 10-1 Block diagram of the tests to be performed

10.2 General Measurement Procedure

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements and fully documented in SAR reports to qualify for TCB approval. Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2003. The results should be documented as part of the system validation records and may be requested to support test results when all the measurement parameters in the following table are not satisfied.

<table>
<tr><td colspan="3"></td><td>≤ 3 GHz</td><td>> 3 GHz</td></tr>
<tr><td colspan="3">Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface</td><td>5 ± 1 mm</td><td>½·δ·ln(2) ± 0.5 mm</td></tr>
<tr><td colspan="3">Maximum probe angle from probe axis to phantom surface normal at the measurement location</td><td>30° ± 1°</td><td>20° ± 1°</td></tr>
<tr><td colspan="3" rowspan="2">Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}</td><td>≤ 2 GHz: ≤ 15 mm
2 – 3 GHz: ≤ 12 mm</td><td>3 – 4 GHz: ≤ 12 mm
4 – 6 GHz: ≤ 10 mm</td></tr>
<tr><td colspan="2">When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.</td></tr>
<tr><td colspan="3">Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}</td><td>≤ 2 GHz: ≤ 8 mm
2 – 3 GHz: ≤ 5 mm*</td><td>3 – 4 GHz: ≤ 5 mm*
4 – 6 GHz: ≤ 4 mm*</td></tr>
<tr><td rowspan="3">Maximum zoom scan spatial resolution, normal to phantom surface</td><td colspan="2">uniform grid: $\Delta z_{Zoom}(n)$</td><td>≤ 5 mm</td><td>3 – 4 GHz: ≤ 4 mm
4 – 5 GHz: ≤ 3 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="2">graded grid</td><td>$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface</td><td>≤ 4 mm</td><td>3 – 4 GHz: ≤ 3 mm
4 – 5 GHz: ≤ 2.5 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td>$\Delta z_{Zoom}(n>1)$: between subsequent points</td><td colspan="2">≤ 1.5·$\Delta z_{Zoom}(n-1)$</td></tr>
<tr><td>Minimum zoom scan volume</td><td colspan="2">x, y, z</td><td>≥ 30 mm</td><td>3 – 4 GHz: ≥ 28 mm
4 – 5 GHz: ≥ 25 mm
5 – 6 GHz: ≥ 22 mm</td></tr>
<tr><td colspan="5">Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.
* When zoom scan is required and the <u>reported</u> SAR from the area scan based 1-g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.</td></tr>
</table>

10.3 WCDMA Measurement Procedures for SAR

The following procedures are applicable to WCDMA handsets operating under 3GPP Release99, Release 5 and Release 6. The default test configuration is to measure SAR with an established radio link between the DUT and a communication test set using a 12.2kbps RMC (reference measurement channel) configured in Test Loop Mode 1. SAR is selectively confirmed for other physical channel configurations (DPCCH & $DPDCH_n$), HSDPA and HSPA (HSUPA/HSDPA) modes according to output power, exposure conditions and device operating capabilities. Both uplink and downlink should be configured with the same RMC or AMR, when required. SAR for Release 5 HSDPA and Release 6 HSPA are measured using the applicable FRC (fixed reference channel) and E-DCH reference channel configurations. Maximum output power is verified according to applicable versions of 3GPP TS 34.121 and SAR must be measured according to these maximum output conditions. When Maximum Power Reduction (MPR) is not implemented according to Cubic Metric (CM) requirements for Release 6 HSPA, the following procedures do not apply.

For Release 5 HSDPA Data Devices:

Sub-test	β_c	β_d	β_d （SF）	β_c/β_d	β_{hs}	CM/dB
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15	15/15	64	12/15	24/25	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

For Release 6 HSPA Data Devices

Sub-test	β_c	β_d	β_d （SF）	β_c/β_d	β_{hs}	β_{ec}	β_{ed}	β_{ed} （SF）	β_{ed} （codes）	CM (dB)	MPR (dB)	AG Index	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1039/225	4	1	1.5	1.5	20	75
2	6/15	15/15	64	6/15	12/15	12/15	12/15	4	1	1.5	1.5	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1}:47/15 β_{ed2}:47/15	4	2	1.5	1.5	15	92
4	2/15	15/15	64	2/15	4/15	4/15	56/75	4	1	1.5	1.5	17	71
5	15/15	15/15	64	15/15	24/15	30/15	134/15	4	1	1.5	1.5	21	81

Rel.8 DC-HSDPA (Cat 24)

SAR test exclusion for Rel.8 DC-HSDPA must satisfy the SAR test exclusion requirements of Rel.5 HSDPA. SAR test exclusion for DC-HSDPA devices is determined by power measurements according to the H-Set 12, Fixed Reference Channel (FRC) configuration in Table C.8.1.12 of 3GPP TS 34.121-1. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to qualify for SAR test exclusion.

10.4 SAR Measurement for LTE

SAR tests for LTE are performed with a base station simulator, Rohde & Rchwarz CMW500. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. All powers were measured with the CMW 500.
It is performed for conducted power and SAR based on the KDB941225 D05.
SAR is evaluated separately according to the following procedures for the different test positions in each exposure condition – head, body, body-worn accessories and other use conditions. The procedures in the following subsections are applied separately to test each LTE frequency band.

1) QPSK with 1 RB allocation
   Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.
2) QPSK with 50% RB allocation
   The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.
3) QPSK with 100% RB allocation
   For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 1) and 2) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

TDD test:

TDD testing is performed using guidance from FCC KDB 941225 D05 and the SAR test guidance provided in April 2013 TCB works hop notes. TDD is tested at the highest duty factor using UL-DL configuration 0 with special subframe configuration 6 and applying the FDD LTE procedures in KDB 941225 D05. SAR testing is performed using the extended cyclic prefix listed in 3GPP TS 36.211.

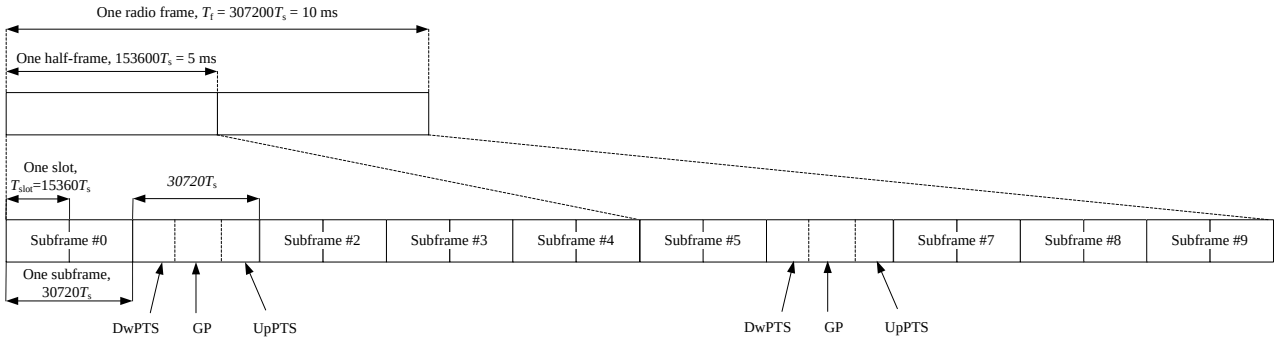


Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 9.1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592\cdot T_s$	$2192\cdot T_s$	$2560\cdot T_s$	$7680\cdot T_s$	$2192\cdot T_s$	$2560\cdot T_s$
1	$19760\cdot T_s$			$20480\cdot T_s$		
2	$21952\cdot T_s$			$23040\cdot T_s$		
3	$24144\cdot T_s$			$25600\cdot T_s$		
4	$26336\cdot T_s$			$7680\cdot T_s$	$4384\cdot T_s$	$5120\cdot T_s$
5	$6592\cdot T_s$	$4384\cdot T_s$	$5120\cdot T_s$	$20480\cdot T_s$		
6	$19760\cdot T_s$			$23040\cdot T_s$		
7	$21952\cdot T_s$			$12800\cdot T_s$		
8	$24144\cdot T_s$			-	-	-
9	$13168\cdot T_s$			-	-	-

Table 9.2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Duty factor is calculated by:

Duty factor = uplink frame*6+UpPTS*2/one frame length

= (30720.T_s * 6+5120. T_s*2)/307200.T_s

= 0.633

10.5 Bluetooth & Wi-Fi Measurement Procedures for SAR

Normal network operating configurations are not suitable for measuring the SAR of 802.11 transmitters in general. Unpredictable fluctuations in network traffic and antenna diversity conditions can introduce undesirable variations in SAR results. The SAR for these devices should be measured using chipset based test mode software to ensure that the results are consistent and reliable.

Chipset based test mode software is hardware dependent and generally varies among manufacturers. The device operating parameters established in a test mode for SAR measurements must be identical to those programmed in production units, including output power levels, amplifier gain settings and other RF performance tuning parameters. The test frequencies should correspond to actual channel frequencies defined for domestic use. SAR for devices with switched diversity should be measured with only one antenna transmitting at a time during each SAR measurement, according to a fixed modulation and data rate. The same data pattern should be used for all measurements.

10.6 NR Measurement Procedures for SAR

Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission.

10.7 Power Drift

To control the output power stability during the SAR test, DASY5 system calculates the power drift by measuring the E-field at the same location at the beginning and at the end of the measurement for each test position. These drift values can be found in section14 labeled as: (Power Drift [dB]). This ensures that the power drift during one measurement is within 5%.

11 Area Scan Based 1-g SAR

11.1 Requirement of KDB

According to the KDB447498 D01, when the implementation is based the specific polynomial fit algorithm as presented at the 29th Bioelectromagnetics Society meeting (2007) and the estimated 1-gSAR is ≤ 1.2 W/kg, a zoom scan measurement is not required provided it is also not needed for any other purpose; for example, if the peak SAR location required for simultaneous transmission SAR test exclusion can be determined accurately by the SAR system or manually to discriminate between distinctive peaks and scattered noisy SAR distributions from area scans.

There must not be any warning or alert messages due to various measurement concerns identified by the SAR system; for example, noise in measurements, peaks too close to scan boundary, peaks are too sharp, spatial resolution and uncertainty issues etc. The SAR system verification must also demonstrate that the area scan estimated 1-g SAR is within 3% of the zoom scan 1-g SAR. When all the SAR results for each exposure condition in a frequency band and wireless mode are based on estimated 1-g SAR, the 1-g SAR for the highest SAR configuration must be determined by a zoom scan.

11.2 Fast SAR Algorithms

The approach is based on the area scan measurement applying a frequency dependent attenuation parameter. This attenuation parameter was empirically determined by analyzing a large number of phones. The MOTOROLA FAST SAR was developed and validated by the MOTOROLA Research Group in Ft. Lauderdale.

In the initial study, an approximation algorithm based on Linear fit was developed. The accuracy of the algorithm has been demonstrated across a broad frequency range (136-2450 MHz)and for both 1- and 10-g averaged SAR using a sample of 264 SAR measurements from 55wireless handsets. For the sample size studied, the root-mean-squared errors of the algorithm mare 1.2% and 5.8% for 1- and 10-g averaged SAR, respectively. The paper describing the algorithm in detail is expected to be published in August 2004 within the Special Issue of Transactions on MTT.

In the second step, the same research group optimized the fitting algorithm to an Polynomial fit whereby the frequency validity was extended to cover the range 30-6000MHz. Details of this study can be found in the BEMS 2007 Proceedings.

Both algorithms are implemented in DASY software.

12 Conducted Output Power

Body Standalone	Head Standalone	Body WWAN+WLAN 2.4/5/6+BT	Head WWAN+WLAN 2.4/5/6+BT	Body WWAN+WLAN 2.4+5/6+BT	Head WWAN+WLAN 2.4+5/6+BT	Full Power
Plimit						Pmax
ECI 1	ECI 2	ECI 3	ECI 4	ECI 5	ECI 6	

12.1 GSM Measurement result

GSM850(ANT0 ECI1)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.77	32.83	32.52	33.10	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.80	32.84	32.51	33.10	-9.03	23.77	23.81	23.48
2 Txslots	29.69	29.75	29.39	30.10	-6.02	23.67	23.73	23.37
3Txslots	27.92	27.97	27.64	28.30	-4.26	23.66	23.71	23.38
4 Txslots	26.65	26.67	26.37	27.10	-3.01	23.64	23.66	23.36
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.72	32.82	32.52	33.10	-9.03	23.69	23.79	23.49
2 Txslots	29.63	29.72	29.38	30.10	-6.02	23.61	23.70	23.36
3Txslots	27.88	27.94	27.63	28.30	-4.26	23.62	23.68	23.37
4 Txslots	26.60	26.65	26.35	27.10	-3.01	23.59	23.64	23.34
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	26.29	26.15	26.21	27.10	-9.03	17.26	17.12	17.18
2 Txslots	23.30	23.18	23.24	24.10	-6.02	17.28	17.16	17.22
3Txslots	21.32	21.23	21.31	22.30	-4.26	17.06	16.97	17.05
4 Txslots	21.09	21.39	21.51	21.60	-3.01	18.08	18.38	18.50

GSM850(ANT0 ECI2)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	30.85	30.92	30.60	31.60	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	30.85	30.93	30.61	31.60	-9.03	21.82	21.90	21.58
2 Txslots	27.73	27.78	27.46	28.60	-6.02	21.71	21.76	21.44
3Txslots	25.97	26.01	25.70	26.80	-4.26	21.71	21.75	21.44
4 Txslots	24.81	24.89	24.52	25.60	-3.01	21.80	21.88	21.51
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	30.90	30.97	30.64	31.60	-9.03	21.87	21.94	21.61
2 Txslots	27.97	28.02	27.69	28.60	-6.02	21.95	22.00	21.67
3Txslots	26.21	26.25	25.94	26.80	-4.26	21.95	21.99	21.68
4 Txslots	24.85	24.93	24.55	25.60	-3.01	21.84	21.92	21.54
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	26.31	26.17	26.26	27.10	-9.03	17.28	17.14	17.23
2 Txslots	23.32	23.24	23.30	24.10	-6.02	17.30	17.22	17.28
3Txslots	21.34	21.38	21.36	22.30	-4.26	17.08	17.12	17.10
4 Txslots	20.62	20.61	20.66	21.60	-3.01	17.61	17.60	17.65

GSM1900(ANT5 ECI1/2)

GSM 1900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.87	29.66	29.34	31.00	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.85	29.64	29.31	31.00	-9.03	20.82	20.61	20.28
2 Txslots	26.23	26.14	26.06	28.00	-6.02	20.21	20.12	20.04
3Txslots	24.99	24.70	24.33	26.20	-4.26	20.73	20.44	20.07
4 Txslots	24.74	24.46	24.08	25.00	-3.01	21.73	21.45	21.07
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.78	29.60	29.29	31.00	-9.03	20.75	20.57	20.26
2 Txslots	26.19	26.12	26.05	28.00	-6.02	20.17	20.10	20.03
3Txslots	24.96	24.68	24.31	26.20	-4.26	20.70	20.42	20.05
4 Txslots	24.71	24.44	24.06	25.00	-3.01	21.70	21.43	21.05
GSM 1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	25.51	25.41	25.28	27.00	-9.03	16.48	16.38	16.25
2 Txslots	23.46	23.37	23.35	24.00	-6.02	17.44	17.35	17.33
3Txslots	21.52	21.46	21.36	22.20	-4.26	17.26	17.20	17.10
4 Txslots	21.69	21.19	21.17	21.50	-3.01	18.68	18.18	18.16

12.2 WCDMA Measurement result

WCDMA1900(ANT5 ECI1)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	20.82	20.95	21.02	21.80
HSUPA	1	18.44	18.55	18.50	19.10
	2	18.04	18.14	18.09	18.80
	3	18.97	19.19	19.05	19.80
	4	17.39	17.67	17.55	18.20
	5	19.02	19.08	19.04	19.80
DC-HSDPA	1	20.00	20.11	20.07	20.80
	2	19.84	20.05	20.00	20.80
	3	19.60	19.78	19.67	20.30
	4	19.55	19.73	19.61	20.30

WCDMA1900(ANT5 ECI2)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	24.02	24.25	24.19	25.00
HSUPA	1	21.62	21.73	21.68	22.30
	2	21.22	21.32	21.27	22.00
	3	22.15	22.37	22.23	23.00
	4	20.57	20.85	20.73	21.40
	5	22.20	22.26	22.22	23.00
DC-HSDPA	1	23.18	23.29	23.25	24.00
	2	23.02	23.23	23.18	24.00
	3	22.78	22.96	22.85	23.50
	4	22.73	22.91	22.79	23.50

WCDMA1900(ANT6 ECI1)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.07	19.11	19.09	19.80
HSUPA	1	16.67	16.78	16.73	17.40
	2	16.27	16.37	16.32	16.90
	3	17.20	17.42	17.28	17.90
	4	15.62	15.90	15.78	16.40
	5	17.25	17.31	17.27	17.90
DC-HSDPA	1	18.22	18.33	18.29	18.80
	2	18.06	18.27	18.22	18.80
	3	17.82	18.00	17.89	18.40
	4	17.77	17.95	17.83	18.30

WCDMA1900(ANT6 ECI2)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	15.16	15.15	15.27	16.00
HSUPA	1	12.87	12.98	12.93	13.60
	2	12.48	12.57	12.52	13.10
	3	13.40	13.62	13.48	14.10
	4	11.83	12.11	11.99	12.60
	5	13.45	13.51	13.47	14.10
DC-HSDPA	1	14.43	14.54	14.50	15.00
	2	14.27	14.48	14.43	15.00
	3	14.03	14.21	14.10	14.60
	4	13.98	14.16	14.04	14.50

WCDMA1700(ANT5 ECI1)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	18.97	18.92	18.88	20.00
HSUPA	1	16.39	16.31	16.35	17.30
	2	16.02	16.01	16.02	17.00
	3	16.80	16.75	16.72	18.00
	4	16.08	16.01	15.97	16.40
	5	17.18	17.07	17.11	18.00
DC-HSDPA	1	18.13	18.10	18.01	19.00
	2	18.03	17.97	17.95	19.00
	3	17.72	17.68	17.63	18.50
	4	17.67	17.63	17.56	18.50

WCDMA1700(ANT5 ECI2)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	23.99	23.87	23.79	25.00
HSUPA	1	21.13	21.03	21.08	22.30
	2	21.66	21.59	21.55	22.00
	3	21.17	21.03	21.04	23.00
	4	20.73	20.64	20.58	21.40
	5	22.14	22.00	22.05	23.00
DC-HSDPA	1	23.37	23.33	23.21	24.00
	2	23.24	23.16	23.14	24.00
	3	22.84	22.79	22.72	23.50
	4	22.78	22.73	22.64	23.50

WCDMA1700(ANT6 ECI1)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	19.91	19.93	19.92	20.70
HSUPA	1	17.91	17.81	17.86	19.10
	2	18.44	18.37	18.33	18.60
	3	18.95	18.81	18.82	19.60
	4	17.51	17.42	17.36	18.10
	5	18.92	18.78	18.83	19.60
DC-HSDPA	1	20.15	20.11	19.99	20.60
	2	20.02	19.94	19.92	20.60
	3	19.62	19.57	19.50	20.10
	4	19.56	19.51	19.42	20.00

WCDMA1700(ANT6 ECI2)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	13.62	13.51	13.58	14.60
HSUPA	1	11.83	11.73	11.78	13.00
	2	12.36	12.29	12.25	12.50
	3	12.87	12.73	12.74	13.50
	4	11.43	11.34	11.28	12.00
	5	12.84	12.70	12.75	13.50
DC-HSDPA	1	14.07	14.03	13.91	14.50
	2	13.94	13.86	13.84	14.50
	3	13.54	13.49	13.42	14.00
	4	13.48	13.43	13.34	13.90

WCDMA850(ANT0 ECI1)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	23.69	23.78	23.81	24.40
HSUPA	1	21.52	21.44	21.45	21.90
	2	20.93	20.94	20.94	21.40
	3	21.99	21.93	21.98	22.40
	4	20.54	20.44	20.50	20.90
	5	21.93	21.90	21.95	22.40
DC-HSDPA	1	22.93	22.95	22.92	23.40
	2	22.86	22.96	22.93	23.40
	3	21.90	21.91	21.97	23.00
	4	22.03	22.00	21.97	23.00

WCDMA850(ANT0 ECI2)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	21.15	21.25	21.31	21.90
HSUPA	1	18.86	18.96	18.99	19.40
	2	18.34	18.45	18.47	18.90
	3	19.55	19.54	19.50	19.90
	4	17.83	17.91	17.99	18.40
	5	18.83	18.93	18.95	19.90
DC-HSDPA	1	18.92	18.94	18.96	20.90
	2	19.03	18.99	18.99	20.90
	3	18.49	18.43	18.48	20.50
	4	18.43	18.36	18.46	20.50

WCDMA850(ANT1 ECI1/2)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	24.25	24.32	24.43	24.90
HSUPA	1	21.84	21.89	21.84	22.30
	2	21.38	21.43	21.42	21.80
	3	22.48	22.44	22.41	22.80
	4	20.93	20.91	20.95	21.40
	5	22.33	22.43	22.39	22.80
DC-HSDPA	1	23.47	23.44	23.47	23.80
	2	223.46	23.53	23.49	23.80
	3	22.88	22.90	22.93	23.40
	4	23.01	23.03	23.01	23.40

12.3 LTE Measurement result

Maximum Target Power for Production Unit

Band	Antenna	DSI 1	DSI 2	DSI 3	DSI 4	DSI 5	DSI 6
		brust power	brust power	brust power	brust power	brust power	brust power
LTE Band2	5	18.5	24.5	16.6	24.5	15.4	24.5
	6	16.8	14.2	15	13.3	13.7	12.4
LTE Band4	5	21.8	24.5	20.5	24.5	19.2	24.5
	6	19.8	16.8	17.5	14.5	16.2	13.5
	4	16	18	14.1	17.1	12.9	16.2
	7	20.9	18.4	19.1	17.6	17.8	16.5
LTE Band5	0	23.6	23.6	21.6	22.6	20.6	21.6
	1	25	25	25	25	24.3	25
LTE Band7	5	20.4	25	18.5	25	17.1	25
	6	19.1	17.7	15.8	15.4	14.5	14.5
	4	17.1	15.8	15.1	15	13.8	14
	7	19.2	15.2	17.4	14.4	16.1	13.4
LTE Band12	0	22.2	22	20.4	21.1	19.2	20.1
	1	24.6	24.6	23.5	24.6	22.2	24.6
LTE Band13	0	22.5	22.3	20.7	21.4	19.5	20.4
	1	24.8	24.8	23.7	24.8	22.4	24.8
LTE Band17	0	22.2	22	20.4	21.1	19.2	20.1
	1	24.6	24.6	23.5	24.6	22.2	24.6
LTE Band25	5	18.5	24.5	16.6	24.5	15.4	24.5
	6	16.8	14.2	15	13.3	13.7	12.4
LTE Band26	0	23.6	23.6	21.6	22.6	20.6	21.6
	1	25	25	25	25	24.3	25
LTE Band38	5	21.1	25	19.1	25	17.7	25
	6	20.3	17.7	16.5	15	15.1	14
	4	20	17.5	16.5	15	15.2	14
	7	19.3	17.3	17.5	16.3	16.2	15.3
LTE Band41 PC2	5	21	26.8	17.6	26.8	16.2	26.8
	6	21.5	20.3	16.6	16.5	15.3	15.5
	4	20.5	19.3	17.1	17	15.8	16
	7	21.1	17.1	17.8	14.8	16.5	13.8
LTE Band41 PC3	5	19.8	23.8	14.6	23.8	13.2	23.8
	6	20.2	19	14	13.9	12.7	12.9
	4	19.3	18	14.1	14	12.8	13
	7	19.8	15.8	14.8	11.8	13.5	10.8
LTE Band66	5	21.8	24.5	20.5	24.5	19.2	24.5
	6	19.8	16.8	17.5	14.5	16.2	13.5
	4	16	18	14.1	17.1	12.9	16.2
	7	20.9	18.4	19.1	17.6	17.8	16.5

Maximum Power Reduction (MPR) for LTE

Modulation	1.4 MHz	MPR	3 MHz	MPR	5 MHz	MPR	10 MHz	MPR	15 MHz	MPR	20 MHz	MPR (dB)
QPSK	≤ 5	**0**	≤ 4	**0**	≤ 8	**0**	≤ 12	**0**	≤ 16	**0**	≤ 18	**0**
QPSK	> 5	1	> 4	1	> 8	1	> 12	1	> 16	1	> 18	1
16 QAM	≤ 5	1	≤ 4	1	≤ 8	1	≤ 12	1	≤ 16	1	≤ 18	1
16 QAM	> 5	2	> 4	2	> 8	2	> 12	2	> 16	2	> 18	2
64 QAM	≤ 5	2	≤ 4	2	≤ 8	2	≤ 12	2	≤ 16	2	≤ 18	2
64 QAM	> 5	3	> 4	3	> 8	3	> 12	3	> 16	3	> 18	3
256 QAM	≤ 5	5	≤ 4	5	≤ 8	5	≤ 12	5	≤ 16	5	≤ 18	5
256 QAM	> 5	5	> 4	5	> 8	5	> 12	5	> 16	5	> 18	5

LTE Band7(ANT5 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.49	19.57	19.59	18.81
		2535 (21100)	19.58	19.79	19.82	19.02
		2502.5 (20775)	19.54	19.78	19.77	19.01
	1RB-Middle (12)	2567.5 (21425)	19.43	19.56	19.61	18.80
		2535 (21100)	19.58	19.70	19.74	18.93
		2502.5 (20775)	19.50	19.70	19.67	18.93
	1RB-Low (0)	2567.5 (21425)	19.60	19.72	19.64	18.95
		2535 (21100)	19.72	19.81	19.69	19.04
		2502.5 (20775)	19.52	19.88	19.71	19.11
	12RB-High (13)	2567.5 (21425)	19.45	19.51	19.51	18.75
		2535 (21100)	19.60	19.60	19.63	18.84
		2502.5 (20775)	19.60	19.58	19.64	18.82
	12RB-Middle (6)	2567.5 (21425)	19.42	19.41	19.49	18.65
		2535 (21100)	19.53	19.55	19.59	18.79
		2502.5 (20775)	19.56	19.53	19.61	18.77
	12RB-Low (0)	2567.5 (21425)	19.48	19.45	19.56	18.69
		2535 (21100)	19.59	19.60	19.67	18.84
		2502.5 (20775)	19.58	19.63	19.62	18.87
	25RB (0)	2567.5 (21425)	19.50	19.45	19.50	18.69
		2535 (21100)	19.57	19.60	19.60	18.84
		2502.5 (20775)	19.60	19.60	19.60	18.84
10MHz	1RB-High (49)	2565 (21400)	19.58	19.71	19.64	18.94
		2535 (21100)	19.83	19.69	19.84	18.92
		2505 (20800)	19.73	19.80	19.86	19.03
	1RB-Middle (24)	2565 (21400)	19.37	19.65	19.58	18.89
		2535 (21100)	19.49	19.84	19.66	19.07
		2505 (20800)	19.60	19.65	19.66	18.89
	1RB-Low (0)	2565 (21400)	19.47	19.77	19.66	19.00
		2535 (21100)	19.61	19.98	19.80	19.20
		2505 (20800)	19.50	19.98	19.86	19.20
	25RB-High (25)	2565 (21400)	19.46	19.53	19.49	18.77
		2535 (21100)	19.56	19.56	19.59	18.80
		2505 (20800)	19.63	19.64	19.57	18.88
	25RB-Middle (12)	2565 (21400)	19.49	19.48	19.49	18.72
		2535 (21100)	19.57	19.57	19.51	18.81
		2505 (20800)	19.50	19.55	19.56	18.79
	25RB-Low (0)	2565 (21400)	19.53	19.54	19.53	18.78
		2535 (21100)	19.60	19.59	19.59	18.83
		2505 (20800)	19.58	19.58	19.59	18.82
	50RB (0)	2565 (21400)	19.51	19.52	19.49	18.76
		2535 (21100)	19.59	19.60	19.58	18.84
		2505 (20800)	19.59	19.58	19.55	18.82

15MHz	1RB-High (74)	2562.5 (21375)	19.60	19.63	19.65	18.87
		2535 (21100)	19.59	19.73	19.68	18.96
		2507.5 (20825)	19.73	19.90	19.82	19.13
	1RB-Middle (37)	2562.5 (21375)	19.59	19.58	19.68	18.82
		2535 (21100)	19.62	19.90	19.73	19.13
		2507.5 (20825)	19.43	19.63	19.72	18.87
	1RB-Low (0)	2562.5 (21375)	19.65	19.87	19.79	19.10
		2535 (21100)	19.76	19.88	19.77	19.11
		2507.5 (20825)	19.63	19.84	19.77	19.07
	36RB-High (38)	2562.5 (21375)	19.49	19.46	19.47	18.70
		2535 (21100)	19.54	19.57	19.60	18.81
		2507.5 (20825)	19.56	19.56	19.58	18.80
	36RB-Middle (19)	2562.5 (21375)	19.54	19.40	19.48	18.65
		2535 (21100)	19.52	19.53	19.60	18.77
		2507.5 (20825)	19.47	19.52	19.55	18.76
	36RB-Low (0)	2562.5 (21375)	19.62	19.50	19.57	18.74
		2535 (21100)	19.55	19.59	19.62	18.83
		2507.5 (20825)	19.50	19.53	19.54	18.77
	75RB (0)	2562.5 (21375)	19.62	19.50	19.51	18.74
		2535 (21100)	19.58	19.60	19.60	18.84
		2507.5 (20825)	19.58	19.56	19.55	18.80
20MHz	1RB-High (99)	2560 (21350)	19.64	19.79	19.76	19.02
		2535 (21100)	19.70	19.72	19.74	18.95
		2510 (20850)	19.49	19.89	19.84	19.12
	1RB-Middle (50)	2560 (21350)	19.51	19.76	19.67	18.99
		2535 (21100)	19.72	19.82	19.79	19.05
		2510 (20850)	19.39	19.58	19.61	18.82
	1RB-Low (0)	2560 (21350)	19.84	19.64	19.93	18.88
		2535 (21100)	19.81	19.83	19.79	19.06
		2510 (20850)	19.54	19.78	19.63	19.01
	50RB-High (50)	2560 (21350)	19.65	19.62	19.63	18.86
		2535 (21100)	19.71	19.71	19.72	18.94
		2510 (20850)	19.57	19.58	19.59	18.82
	50RB-Middle (25)	2560 (21350)	19.65	19.63	19.67	18.87
		2535 (21100)	19.66	19.66	19.70	18.90
		2510 (20850)	19.53	19.51	19.52	18.75
	50RB-Low (0)	2560 (21350)	19.76	19.74	19.74	18.97
		2535 (21100)	19.67	19.69	19.70	18.92
		2510 (20850)	19.49	19.48	19.49	18.72
	100RB (0)	2560 (21350)	19.68	19.65	19.69	18.89
		2535 (21100)	19.72	19.68	19.71	18.91
		2510 (20850)	19.55	19.52	19.54	18.76

LTE Band7(ANT5 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	24.03	23.15	22.32	18.87
		2535 (21100)	24.27	23.45	22.27	18.82
		2502.5 (20775)	24.13	23.19	22.40	18.93
	1RB-Middle (12)	2567.5 (21425)	24.24	23.20	22.18	18.75
		2535 (21100)	24.28	23.58	22.35	18.89
		2502.5 (20775)	24.05	23.38	22.30	18.85
	1RB-Low (0)	2567.5 (21425)	23.95	23.17	22.30	18.85
		2535 (21100)	24.32	23.47	22.38	18.92
		2502.5 (20775)	24.27	23.33	22.38	18.92
	12RB-High (13)	2567.5 (21425)	23.12	22.07	21.12	18.73
		2535 (21100)	23.19	22.19	21.27	18.87
		2502.5 (20775)	23.23	22.22	21.22	18.82
	12RB-Middle (6)	2567.5 (21425)	23.06	22.08	21.14	18.75
		2535 (21100)	23.19	22.12	21.22	18.82
		2502.5 (20775)	23.16	22.18	21.21	18.81
	12RB-Low (0)	2567.5 (21425)	23.10	22.14	21.15	18.76
		2535 (21100)	23.21	22.26	21.30	18.89
		2502.5 (20775)	23.20	22.24	21.28	18.88
	25RB (0)	2567.5 (21425)	23.11	22.16	21.11	18.89
		2535 (21100)	23.25	22.24	21.22	18.98
		2502.5 (20775)	23.23	22.24	21.18	18.95
10MHz	1RB-High (49)	2565 (21400)	24.25	23.17	22.25	18.81
		2535 (21100)	24.25	23.46	22.31	18.86
		2505 (20800)	24.24	23.47	22.48	19.00
	1RB-Middle (24)	2565 (21400)	23.93	23.30	22.15	18.72
		2535 (21100)	24.18	23.18	22.32	18.87
		2505 (20800)	24.07	23.25	22.16	18.73
	1RB-Low (0)	2565 (21400)	24.18	23.29	22.33	18.88
		2535 (21100)	24.42	23.33	22.36	18.90
		2505 (20800)	24.17	23.44	22.30	18.85
	25RB-High (25)	2565 (21400)	23.10	22.09	21.07	18.69
		2535 (21100)	23.20	22.21	21.19	18.80
		2505 (20800)	23.22	22.21	21.22	18.82
	25RB-Middle (12)	2565 (21400)	23.11	22.08	21.12	18.73
		2535 (21100)	23.18	22.19	21.16	18.77
		2505 (20800)	23.16	22.15	21.14	18.75
	25RB-Low (0)	2565 (21400)	23.15	22.15	21.12	18.73
		2535 (21100)	23.22	22.22	21.19	18.80
		2505 (20800)	23.17	22.19	21.20	18.81
	50RB (0)	2565 (21400)	23.13	22.11	21.09	18.87
		2535 (21100)	23.17	22.20	21.18	18.95
		2505 (20800)	23.20	22.16	21.19	18.96

15MHz	1RB-High (74)	2562.5 (21375)	23.98	23.29	22.26	18.82
		2535 (21100)	24.03	23.22	22.32	18.87
		2507.5 (20825)	24.53	23.50	22.42	18.95
	1RB-Middle (37)	2562.5 (21375)	24.11	23.28	22.21	18.77
		2535 (21100)	24.19	23.35	22.36	18.90
		2507.5 (20825)	23.98	23.13	22.27	18.82
	1RB-Low (0)	2562.5 (21375)	24.35	23.30	22.31	18.86
		2535 (21100)	24.35	23.41	22.38	18.92
		2507.5 (20825)	24.09	23.52	22.45	18.98
	36RB-High (38)	2562.5 (21375)	23.05	22.07	21.10	18.72
		2535 (21100)	23.15	22.18	21.20	18.81
		2507.5 (20825)	23.19	22.15	21.17	18.78
	36RB-Middle (19)	2562.5 (21375)	23.02	22.02	21.05	18.67
		2535 (21100)	23.14	22.14	21.14	18.75
		2507.5 (20825)	23.12	22.15	21.13	18.74
	36RB-Low (0)	2562.5 (21375)	23.13	22.13	21.16	18.77
		2535 (21100)	23.16	22.17	21.21	18.81
		2507.5 (20825)	23.14	22.15	21.16	18.77
	75RB (0)	2562.5 (21375)	23.11	22.13	21.07	18.85
		2535 (21100)	23.19	22.21	21.20	18.97
		2507.5 (20825)	23.17	22.19	21.15	18.92
20MHz	1RB-High (99)	2560 (21350)	24.27	23.38	22.49	19.01
		2535 (21100)	24.18	23.52	22.41	18.94
		2510 (20850)	24.26	23.36	22.38	18.92
	1RB-Middle (50)	2560 (21350)	24.22	23.43	22.27	18.82
		2535 (21100)	24.30	23.53	22.30	18.85
		2510 (20850)	23.98	23.24	22.13	18.71
	1RB-Low (0)	2560 (21350)	24.52	23.57	22.48	19.00
		2535 (21100)	24.39	23.49	22.42	18.95
		2510 (20850)	24.46	23.43	22.30	18.85
	50RB-High (50)	2560 (21350)	23.24	22.27	21.26	18.86
		2535 (21100)	23.23	22.32	21.36	18.95
		2510 (20850)	23.10	22.21	21.20	18.81
	50RB-Middle (25)	2560 (21350)	23.31	22.26	21.25	18.85
		2535 (21100)	23.21	22.28	21.25	18.85
		2510 (20850)	23.07	22.11	21.13	18.74
	50RB-Low (0)	2560 (21350)	23.37	22.33	21.35	18.94
		2535 (21100)	23.27	22.26	21.27	18.87
		2510 (20850)	23.15	22.17	21.11	18.73
	100RB (0)	2560 (21350)	22.31	21.25	20.22	18.85
		2535 (21100)	22.28	21.27	20.26	18.89
		2510 (20850)	22.12	21.15	20.13	18.76

LTE Band7(ANT6 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	17.93	18.03	18.23	18.23
		2535 (21100)	18.06	18.12	18.03	18.03
		2502.5 (20775)	17.72	17.74	17.81	17.81
	1RB-Middle (12)	2567.5 (21425)	18.04	17.86	18.06	18.06
		2535 (21100)	18.07	18.07	18.02	18.02
		2502.5 (20775)	17.83	17.97	17.90	17.90
	1RB-Low (0)	2567.5 (21425)	18.00	17.99	18.11	18.11
		2535 (21100)	17.91	18.07	18.10	18.10
		2502.5 (20775)	17.61	17.91	17.86	17.86
	12RB-High (13)	2567.5 (21425)	17.96	17.98	18.05	18.05
		2535 (21100)	17.98	18.01	18.01	18.01
		2502.5 (20775)	17.63	17.67	17.76	17.76
	12RB-Middle (6)	2567.5 (21425)	17.94	17.94	18.02	18.02
		2535 (21100)	17.93	17.97	18.05	18.05
		2502.5 (20775)	17.65	17.64	17.80	17.80
	12RB-Low (0)	2567.5 (21425)	17.97	17.99	18.06	18.06
		2535 (21100)	17.99	18.02	18.06	18.06
		2502.5 (20775)	17.65	17.67	17.72	17.72
	25RB (0)	2567.5 (21425)	18.05	18.01	18.03	18.03
		2535 (21100)	17.98	18.05	17.99	17.99
		2502.5 (20775)	17.73	17.72	17.72	17.72
10MHz	1RB-High (49)	2565 (21400)	17.90	18.14	18.13	18.13
		2535 (21100)	17.86	18.30	18.20	18.20
		2505 (20800)	17.56	17.77	17.82	17.82
	1RB-Middle (24)	2565 (21400)	18.01	17.94	18.03	18.03
		2535 (21100)	18.03	18.09	18.23	18.23
		2505 (20800)	17.66	17.91	17.75	17.75
	1RB-Low (0)	2565 (21400)	17.98	18.19	18.22	18.22
		2535 (21100)	17.90	18.09	17.99	17.99
		2505 (20800)	17.71	17.78	17.80	17.80
	25RB-High (25)	2565 (21400)	17.92	18.04	18.02	18.02
		2535 (21100)	17.98	18.01	18.00	18.00
		2505 (20800)	17.71	17.74	17.73	17.73
	25RB-Middle (12)	2565 (21400)	17.93	18.00	18.04	18.04
		2535 (21100)	17.93	17.99	17.96	17.96
		2505 (20800)	17.68	17.70	17.67	17.67
	25RB-Low (0)	2565 (21400)	18.00	18.03	18.05	18.05
		2535 (21100)	17.94	17.96	17.99	17.99
		2505 (20800)	17.69	17.66	17.70	17.70
	50RB (0)	2565 (21400)	17.95	18.02	18.02	18.02
		2535 (21100)	18.01	18.01	18.00	18.00
		2505 (20800)	17.72	17.69	17.75	17.75

15MHz	1RB-High (74)	2562.5 (21375)	17.96	17.97	18.07	18.07
		2535 (21100)	17.98	17.89	17.95	17.95
		2507.5 (20825)	17.68	17.70	18.05	18.05
	1RB-Middle (37)	2562.5 (21375)	18.04	18.08	18.16	18.16
		2535 (21100)	17.97	18.08	18.26	18.26
		2507.5 (20825)	17.87	17.72	17.73	17.73
	1RB-Low (0)	2562.5 (21375)	18.16	18.14	18.24	18.24
		2535 (21100)	17.89	18.16	18.09	18.09
		2507.5 (20825)	17.48	17.58	17.82	17.82
	36RB-High (38)	2562.5 (21375)	18.00	18.01	18.03	18.03
		2535 (21100)	17.93	17.98	17.99	17.99
		2507.5 (20825)	17.70	17.68	17.75	17.75
	36RB-Middle (19)	2562.5 (21375)	17.96	17.97	18.00	18.00
		2535 (21100)	17.95	17.90	17.96	17.96
		2507.5 (20825)	17.61	17.65	17.72	17.72
	36RB-Low (0)	2562.5 (21375)	18.01	18.03	18.09	18.09
		2535 (21100)	17.91	17.96	17.97	17.97
		2507.5 (20825)	17.63	17.66	17.70	17.70
	75RB (0)	2562.5 (21375)	18.05	18.03	18.00	18.00
		2535 (21100)	17.96	17.97	18.00	18.00
		2507.5 (20825)	17.68	17.73	17.73	17.73
20MHz	1RB-High (99)	2560 (21350)	17.94	18.21	18.16	18.16
		2535 (21100)	18.24	18.06	18.17	18.17
		2510 (20850)	17.81	17.88	17.91	17.91
	1RB-Middle (50)	2560 (21350)	18.09	18.12	18.20	18.20
		2535 (21100)	18.03	18.33	18.18	18.18
		2510 (20850)	17.59	17.81	17.92	17.92
	1RB-Low (0)	2560 (21350)	18.25	18.16	18.26	18.26
		2535 (21100)	17.88	18.13	18.00	18.00
		2510 (20850)	17.73	17.83	17.80	17.80
	50RB-High (50)	2560 (21350)	18.05	18.06	18.02	18.02
		2535 (21100)	18.03	18.01	18.07	18.07
		2510 (20850)	17.74	17.76	17.78	17.78
	50RB-Middle (25)	2560 (21350)	18.04	18.06	18.07	18.07
		2535 (21100)	17.98	18.01	18.04	18.04
		2510 (20850)	17.72	17.75	17.77	17.77
	50RB-Low (0)	2560 (21350)	18.08	18.10	18.07	18.07
		2535 (21100)	18.04	18.00	18.03	18.03
		2510 (20850)	17.98	17.74	17.74	17.74
	100RB (0)	2560 (21350)	18.05	18.07	18.06	18.06
		2535 (21100)	17.98	17.99	18.03	18.03
		2510 (20850)	17.71	17.66	17.71	17.71

LTE Band7(ANT6 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.90	16.12	16.00	16.23
		2535 (21100)	15.92	16.25	16.39	15.99
		2502.5 (20775)	15.83	15.76	15.92	16.12
	1RB-Middle (12)	2567.5 (21425)	15.96	16.07	15.95	15.81
		2535 (21100)	16.04	16.46	16.27	16.05
		2502.5 (20775)	15.80	15.82	15.80	15.97
	1RB-Low (0)	2567.5 (21425)	15.98	16.18	15.92	16.09
		2535 (21100)	16.13	16.14	16.17	16.23
		2502.5 (20775)	15.75	15.93	15.84	15.96
	12RB-High (13)	2567.5 (21425)	15.82	15.91	15.91	15.82
		2535 (21100)	16.01	16.09	16.12	16.07
		2502.5 (20775)	15.84	15.85	15.89	15.76
	12RB-Middle (6)	2567.5 (21425)	15.81	15.88	15.88	15.98
		2535 (21100)	16.04	16.04	16.09	15.86
		2502.5 (20775)	15.81	15.83	15.87	16.23
	12RB-Low (0)	2567.5 (21425)	15.88	15.90	15.91	16.22
		2535 (21100)	16.10	16.07	16.12	16.03
		2502.5 (20775)	15.81	15.87	15.89	16.13
	25RB (0)	2567.5 (21425)	15.87	15.91	15.89	15.85
		2535 (21100)	16.07	16.08	16.03	16.08
		2502.5 (20775)	15.87	15.86	15.88	16.04
10MHz	1RB-High (49)	2565 (21400)	16.09	15.98	16.05	16.07
		2535 (21100)	15.93	15.85	16.00	16.24
		2505 (20800)	15.89	15.94	15.88	15.81
	1RB-Middle (24)	2565 (21400)	15.76	15.93	16.04	15.81
		2535 (21100)	16.01	16.13	16.22	15.92
		2505 (20800)	15.76	15.77	15.75	15.89
	1RB-Low (0)	2565 (21400)	16.06	16.19	16.15	16.09
		2535 (21100)	16.05	16.27	16.15	16.08
		2505 (20800)	15.88	15.82	15.90	15.80
	25RB-High (25)	2565 (21400)	15.88	15.90	15.90	16.09
		2535 (21100)	16.01	16.04	16.03	16.05
		2505 (20800)	15.73	15.71	15.76	16.05
	25RB-Middle (12)	2565 (21400)	15.91	15.87	15.91	16.00
		2535 (21100)	16.06	16.06	16.06	15.96
		2505 (20800)	15.81	15.81	15.83	16.08
	25RB-Low (0)	2565 (21400)	15.96	15.96	15.97	16.03
		2535 (21100)	16.06	16.06	16.06	16.22
		2505 (20800)	15.84	15.80	15.81	16.01
	50RB (0)	2565 (21400)	15.92	15.98	15.97	15.92
		2535 (21100)	16.03	16.06	16.08	15.95
		2505 (20800)	15.85	15.86	15.89	15.97

15MHz	1RB-High (74)	2562.5 (21375)	15.85	15.93	16.13	15.83
		2535 (21100)	16.04	15.99	16.05	16.07
		2507.5 (20825)	15.91	16.00	15.86	16.18
	1RB-Middle (37)	2562.5 (21375)	16.02	15.94	16.17	16.06
		2535 (21100)	16.17	16.25	16.47	15.80
		2507.5 (20825)	15.82	15.71	15.86	15.82
	1RB-Low (0)	2562.5 (21375)	16.01	16.21	16.33	15.85
		2535 (21100)	16.05	16.17	16.10	16.05
		2507.5 (20825)	15.87	15.89	15.83	15.94
	36RB-High (38)	2562.5 (21375)	15.90	15.93	15.96	15.83
		2535 (21100)	16.03	16.05	16.09	15.84
		2507.5 (20825)	15.79	15.82	15.85	16.25
	36RB-Middle (19)	2562.5 (21375)	15.99	15.99	16.00	15.81
		2535 (21100)	16.05	16.11	16.11	16.05
		2507.5 (20825)	15.72	15.74	15.78	16.00
	36RB-Low (0)	2562.5 (21375)	16.04	16.04	16.05	16.11
		2535 (21100)	16.03	16.05	16.09	16.05
		2507.5 (20825)	15.87	15.86	15.70	15.75
	75RB (0)	2562.5 (21375)	16.01	16.00	16.04	15.86
		2535 (21100)	16.09	16.07	16.12	16.09
		2507.5 (20825)	15.75	15.80	15.80	16.09
20MHz	1RB-High (99)	2560 (21350)	15.88	16.11	16.10	15.86
		2535 (21100)	16.09	15.93	16.18	16.19
		2510 (20850)	15.86	16.19	15.95	15.79
	1RB-Middle (50)	2560 (21350)	16.22	16.18	16.21	15.94
		2535 (21100)	16.27	16.22	16.35	15.97
		2510 (20850)	15.96	15.95	15.87	15.75
	1RB-Low (0)	2560 (21350)	16.13	16.23	16.20	15.75
		2535 (21100)	15.86	16.16	15.97	16.12
		2510 (20850)	15.72	15.90	15.82	15.84
	50RB-High (50)	2560 (21350)	16.04	16.01	16.04	16.10
		2535 (21100)	16.09	16.09	16.10	16.00
		2510 (20850)	15.88	15.89	15.90	16.07
	50RB-Middle (25)	2560 (21350)	16.12	16.06	16.11	15.97
		2535 (21100)	16.15	16.12	16.14	16.25
		2510 (20850)	15.92	15.83	15.84	16.10
	50RB-Low (0)	2560 (21350)	16.11	16.10	16.15	16.09
		2535 (21100)	16.09	16.08	16.11	15.89
		2510 (20850)	15.73	15.71	15.75	15.82
	100RB (0)	2560 (21350)	16.12	16.06	16.11	16.06
		2535 (21100)	16.15	16.05	16.09	16.12
		2510 (20850)	15.82	15.81	15.84	16.01

LTE Band7(ANT6 ECI4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.13	15.22	15.01	15.42
		2535 (21100)	15.14	15.35	15.38	15.19
		2502.5 (20775)	15.06	14.88	14.94	15.31
	1RB-Middle (12)	2567.5 (21425)	15.18	15.18	14.97	15.02
		2535 (21100)	15.26	15.54	15.27	15.24
		2502.5 (20775)	15.03	14.94	14.83	15.17
	1RB-Low (0)	2567.5 (21425)	15.20	15.28	14.94	15.28
		2535 (21100)	15.34	15.24	15.17	15.42
		2502.5 (20775)	14.98	15.04	14.86	15.16
	12RB-High (13)	2567.5 (21425)	15.05	15.03	14.93	15.03
		2535 (21100)	15.23	15.20	15.13	15.26
		2502.5 (20775)	15.07	14.97	14.91	14.97
	12RB-Middle (6)	2567.5 (21425)	15.04	15.00	14.90	15.18
		2535 (21100)	15.26	15.15	15.10	15.06
		2502.5 (20775)	15.04	14.95	14.89	15.42
	12RB-Low (0)	2567.5 (21425)	15.11	15.02	14.93	15.41
		2535 (21100)	15.32	15.18	15.13	15.23
		2502.5 (20775)	15.04	14.99	14.91	15.32
	25RB (0)	2567.5 (21425)	15.10	15.03	14.91	15.05
		2535 (21100)	15.29	15.19	15.04	15.27
		2502.5 (20775)	15.10	14.98	14.90	15.23
10MHz	1RB-High (49)	2565 (21400)	15.31	15.09	15.06	15.26
		2535 (21100)	15.15	14.97	15.01	15.42
		2505 (20800)	15.12	15.05	14.90	15.02
	1RB-Middle (24)	2565 (21400)	14.99	15.04	15.05	15.02
		2535 (21100)	15.23	15.23	15.22	15.12
		2505 (20800)	14.99	14.89	14.98	15.09
	1RB-Low (0)	2565 (21400)	15.28	15.29	15.15	15.28
		2535 (21100)	15.27	15.36	15.15	15.27
		2505 (20800)	15.11	14.94	14.92	15.01
	25RB-High (25)	2565 (21400)	15.11	15.02	14.92	15.28
		2535 (21100)	15.23	15.15	15.04	15.24
		2505 (20800)	14.96	14.84	14.99	15.24
	25RB-Middle (12)	2565 (21400)	15.14	14.99	14.93	15.20
		2535 (21100)	15.28	15.17	15.07	15.16
		2505 (20800)	15.04	14.93	14.85	15.27
	25RB-Low (0)	2565 (21400)	15.18	15.07	14.98	15.23
		2535 (21100)	15.28	15.17	15.07	15.41
		2505 (20800)	15.07	14.92	14.83	15.21
	50RB (0)	2565 (21400)	15.14	15.09	14.98	15.12
		2535 (21100)	15.25	15.17	15.09	15.15
		2505 (20800)	15.08	14.98	14.91	15.17

15MHz	1RB-High (74)	2562.5 (21375)	15.08	15.04	15.13	15.04
		2535 (21100)	15.26	15.10	15.06	15.26
		2507.5 (20825)	15.14	15.11	14.88	15.37
	1RB-Middle (37)	2562.5 (21375)	15.24	15.05	15.17	15.25
		2535 (21100)	15.38	15.35	15.45	15.01
		2507.5 (20825)	15.05	14.84	14.88	15.03
	1RB-Low (0)	2562.5 (21375)	15.23	15.31	15.32	15.05
		2535 (21100)	15.27	15.27	15.11	15.24
		2507.5 (20825)	15.10	15.01	14.85	15.14
	36RB-High (38)	2562.5 (21375)	15.13	15.04	14.98	15.04
		2535 (21100)	15.25	15.16	15.10	15.05
		2507.5 (20825)	15.02	14.94	14.87	15.43
	36RB-Middle (19)	2562.5 (21375)	15.21	15.10	15.01	15.02
		2535 (21100)	15.27	15.21	15.12	15.24
		2507.5 (20825)	14.95	14.86	14.81	15.20
	36RB-Low (0)	2562.5 (21375)	15.26	15.15	15.06	15.30
		2535 (21100)	15.25	15.16	15.10	15.24
		2507.5 (20825)	15.10	14.98	14.93	14.96
	75RB (0)	2562.5 (21375)	15.23	15.11	15.05	15.06
		2535 (21100)	15.31	15.18	15.13	15.28
		2507.5 (20825)	14.98	14.92	14.83	15.28
20MHz	1RB-High (99)	2560 (21350)	15.03	15.33	14.99	15.06
		2535 (21100)	15.18	15.27	15.13	15.38
		2510 (20850)	15.11	15.09	15.13	15.00
	1RB-Middle (50)	2560 (21350)	15.02	15.37	15.27	15.14
		2535 (21100)	15.22	15.16	15.27	15.17
		2510 (20850)	15.19	15.08	15.19	14.96
	1RB-Low (0)	2560 (21350)	15.43	15.28	15.21	14.96
		2535 (21100)	15.09	15.19	15.25	15.31
		2510 (20850)	15.03	14.95	14.92	15.05
	50RB-High (50)	2560 (21350)	15.11	15.08	15.00	15.29
		2535 (21100)	15.22	15.14	15.25	15.20
		2510 (20850)	15.06	14.99	15.12	15.26
	50RB-Middle (25)	2560 (21350)	15.12	15.14	15.07	15.17
		2535 (21100)	15.27	15.12	15.30	15.43
		2510 (20850)	14.95	14.88	15.01	15.29
	50RB-Low (0)	2560 (21350)	15.14	15.22	15.07	15.28
		2535 (21100)	15.29	15.14	15.27	15.09
		2510 (20850)	15.07	15.04	14.95	15.03
	100RB (0)	2560 (21350)	15.11	15.14	15.09	15.25
		2535 (21100)	15.23	15.09	15.30	15.31
		2510 (20850)	15.03	14.83	15.00	15.21

LTE Band7(ANT7 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	18.35	18.66	18.58	18.39
		2535 (21100)	18.31	18.63	18.50	18.36
		2502.5 (20775)	18.22	18.52	18.32	18.25
	1RB-Middle (12)	2567.5 (21425)	18.31	18.53	18.46	18.26
		2535 (21100)	18.13	18.61	18.44	18.34
		2502.5 (20775)	18.20	18.36	18.40	18.09
	1RB-Low (0)	2567.5 (21425)	18.45	18.67	18.55	18.40
		2535 (21100)	18.34	18.64	18.53	18.37
		2502.5 (20775)	18.13	18.45	18.33	18.18
	12RB-High (13)	2567.5 (21425)	18.36	18.48	18.46	18.21
		2535 (21100)	18.27	18.29	18.36	18.02
		2502.5 (20775)	18.19	18.24	18.27	17.97
	12RB-Middle (6)	2567.5 (21425)	18.32	18.34	18.41	18.07
		2535 (21100)	18.21	18.28	18.29	18.01
		2502.5 (20775)	18.16	18.13	18.20	17.87
	12RB-Low (0)	2567.5 (21425)	18.46	18.45	18.51	18.18
		2535 (21100)	18.32	18.37	18.37	18.10
		2502.5 (20775)	18.18	18.19	18.29	17.92
	25RB (0)	2567.5 (21425)	18.39	18.49	18.45	18.22
		2535 (21100)	18.32	18.32	18.31	18.05
		2502.5 (20775)	18.21	18.19	18.26	17.92
10MHz	1RB-High (49)	2565 (21400)	18.45	18.70	18.61	18.43
		2535 (21100)	18.34	18.57	18.57	18.30
		2505 (20800)	18.28	18.49	18.36	18.22
	1RB-Middle (24)	2565 (21400)	18.34	18.62	18.59	18.35
		2535 (21100)	18.35	18.45	18.52	18.18
		2505 (20800)	18.13	18.40	18.33	18.13
	1RB-Low (0)	2565 (21400)	18.46	18.73	18.65	18.46
		2535 (21100)	18.29	18.71	18.58	18.44
		2505 (20800)	18.25	18.60	18.44	18.33
	25RB-High (25)	2565 (21400)	18.43	18.43	18.43	18.16
		2535 (21100)	18.33	18.29	18.31	18.02
		2505 (20800)	18.22	18.18	18.20	17.91
	25RB-Middle (12)	2565 (21400)	18.40	18.36	18.40	18.09
		2535 (21100)	18.27	18.27	18.32	18.00
		2505 (20800)	18.20	18.19	18.19	17.92
	25RB-Low (0)	2565 (21400)	18.43	18.41	18.40	18.14
		2535 (21100)	18.32	18.31	18.35	18.04
		2505 (20800)	18.18	18.19	18.17	17.92
	50RB (0)	2565 (21400)	18.39	18.37	18.41	18.10
		2535 (21100)	18.34	18.32	18.36	18.05
		2505 (20800)	18.18	18.20	18.18	17.93

15MHz	1RB-High (74)	2562.5 (21375)	18.40	18.70	18.61	18.43
		2535 (21100)	18.25	18.44	18.44	18.17
		2507.5 (20825)	18.31	18.54	18.52	18.27
	1RB-Middle (37)	2562.5 (21375)	18.39	18.60	18.51	18.33
		2535 (21100)	18.38	18.47	18.41	18.20
		2507.5 (20825)	18.08	18.31	18.32	18.04
	1RB-Low (0)	2562.5 (21375)	18.41	18.61	18.64	18.34
		2535 (21100)	18.38	18.56	18.56	18.29
		2507.5 (20825)	18.20	18.50	18.42	18.23
	36RB-High (38)	2562.5 (21375)	18.35	18.35	18.39	18.08
		2535 (21100)	18.24	18.22	18.28	17.95
		2507.5 (20825)	18.11	18.15	18.17	17.88
	36RB-Middle (19)	2562.5 (21375)	18.32	18.30	18.36	18.03
		2535 (21100)	18.24	18.25	18.19	17.98
		2507.5 (20825)	18.07	18.11	18.12	17.85
	36RB-Low (0)	2562.5 (21375)	18.37	18.38	18.40	18.11
		2535 (21100)	18.26	18.32	18.35	18.05
		2507.5 (20825)	18.16	18.14	18.19	17.88
	75RB (0)	2562.5 (21375)	18.36	18.40	18.39	18.13
		2535 (21100)	18.31	18.26	18.30	17.99
		2507.5 (20825)	18.15	18.15	18.14	17.88
20MHz	1RB-High (99)	2560 (21350)	18.48	18.74	18.68	18.47
		2535 (21100)	18.42	18.66	18.48	18.39
		2510 (20850)	18.33	18.57	18.48	18.30
	1RB-Middle (50)	2560 (21350)	18.45	18.56	18.55	18.29
		2535 (21100)	18.30	18.60	18.49	18.33
		2510 (20850)	18.01	18.31	18.13	18.04
	1RB-Low (0)	2560 (21350)	18.50	18.65	18.59	18.38
		2535 (21100)	18.39	18.49	18.52	18.22
		2510 (20850)	18.19	18.39	18.23	18.12
	50RB-High (50)	2560 (21350)	18.50	18.49	18.51	18.22
		2535 (21100)	18.33	18.36	18.34	18.09
		2510 (20850)	18.13	18.19	18.30	17.92
	50RB-Middle (25)	2560 (21350)	18.43	18.42	18.44	18.15
		2535 (21100)	18.36	18.36	18.35	18.09
		2510 (20850)	18.08	18.10	18.09	17.84
	50RB-Low (0)	2560 (21350)	18.51	18.47	18.55	18.20
		2535 (21100)	18.38	18.35	18.39	18.08
		2510 (20850)	18.23	18.07	18.14	17.81
	100RB (0)	2560 (21350)	18.50	18.44	18.51	18.17
		2535 (21100)	18.37	18.33	18.35	18.06
		2510 (20850)	18.19	18.13	18.15	17.87

LTE Band7(ANT7 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	14.61	14.98	14.85	14.72
		2535 (21100)	14.68	15.00	14.85	14.73
		2502.5 (20775)	14.90	15.07	15.09	14.80
	1RB-Middle (12)	2567.5 (21425)	14.61	15.05	14.89	14.78
		2535 (21100)	14.71	15.00	14.99	14.73
		2502.5 (20775)	15.00	15.14	15.00	14.87
	1RB-Low (0)	2567.5 (21425)	14.71	14.79	14.81	14.78
		2535 (21100)	14.71	14.85	14.88	14.67
		2502.5 (20775)	14.92	14.68	15.08	15.03
	12RB-High (13)	2567.5 (21425)	14.67	14.79	14.76	14.52
		2535 (21100)	14.66	14.70	14.67	14.43
		2502.5 (20775)	14.89	14.96	14.93	14.69
	12RB-Middle (6)	2567.5 (21425)	14.61	14.71	14.68	14.44
		2535 (21100)	14.64	14.68	14.70	14.41
		2502.5 (20775)	14.80	14.86	14.92	14.59
	12RB-Low (0)	2567.5 (21425)	14.68	14.79	14.78	14.52
		2535 (21100)	14.71	14.80	14.76	14.52
		2502.5 (20775)	14.89	15.00	15.03	14.73
	25RB (0)	2567.5 (21425)	14.70	14.73	14.74	14.46
		2535 (21100)	14.70	14.70	14.66	14.43
		2502.5 (20775)	14.90	14.97	14.93	14.70
10MHz	1RB-High (49)	2565 (21400)	14.76	14.97	14.89	14.70
		2535 (21100)	14.70	14.98	14.85	14.72
		2505 (20800)	14.84	15.09	15.11	14.82
	1RB-Middle (24)	2565 (21400)	14.62	14.89	14.84	14.62
		2535 (21100)	14.61	14.96	14.86	14.69
		2505 (20800)	14.82	15.16	14.99	14.89
	1RB-Low (0)	2565 (21400)	14.77	15.02	14.89	14.75
		2535 (21100)	14.91	15.09	14.98	14.82
		2505 (20800)	14.95	15.19	15.19	14.92
	25RB-High (25)	2565 (21400)	14.69	14.72	14.71	14.45
		2535 (21100)	14.62	14.70	14.67	14.43
		2505 (20800)	14.80	14.89	14.88	14.62
	25RB-Middle (12)	2565 (21400)	14.67	14.73	14.65	14.46
		2535 (21100)	14.65	14.73	14.69	14.46
		2505 (20800)	14.83	14.91	14.87	14.64
	25RB-Low (0)	2565 (21400)	14.69	14.75	14.70	14.49
		2535 (21100)	14.70	14.75	14.72	14.49
		2505 (20800)	14.89	14.96	14.85	14.69
	50RB (0)	2565 (21400)	14.70	14.71	14.71	14.44
		2535 (21100)	14.68	14.80	14.71	14.53
		2505 (20800)	14.83	14.90	14.86	14.63

15MHz	1RB-High (74)	2562.5 (21375)	14.71	15.05	14.85	14.78
		2535 (21100)	14.70	14.95	14.86	14.68
		2507.5 (20825)	14.89	15.17	15.06	14.90
	1RB-Middle (37)	2562.5 (21375)	14.62	14.95	14.81	14.68
		2535 (21100)	14.62	14.97	14.80	14.70
		2507.5 (20825)	14.76	14.98	14.92	14.72
	1RB-Low (0)	2562.5 (21375)	14.70	14.98	14.93	14.72
		2535 (21100)	14.81	14.98	14.99	14.71
		2507.5 (20825)	14.91	14.95	15.14	14.98
	36RB-High (38)	2562.5 (21375)	14.65	14.70	14.70	14.43
		2535 (21100)	14.61	14.68	14.65	14.41
		2507.5 (20825)	14.73	14.79	14.78	14.52
	36RB-Middle (19)	2562.5 (21375)	14.61	14.65	14.65	14.39
		2535 (21100)	14.64	14.71	14.65	14.44
		2507.5 (20825)	14.70	14.81	14.79	14.54
	36RB-Low (0)	2562.5 (21375)	14.65	14.72	14.70	14.45
		2535 (21100)	14.67	14.74	14.74	14.47
		2507.5 (20825)	14.82	14.89	14.86	14.62
	75RB (0)	2562.5 (21375)	14.66	14.70	14.70	14.43
		2535 (21100)	14.69	14.72	14.71	14.45
		2507.5 (20825)	14.78	14.83	14.80	14.56
20MHz	1RB-High (99)	2560 (21350)	14.79	15.00	14.83	14.71
		2535 (21100)	14.58	14.67	14.68	14.65
		2510 (20850)	14.62	14.78	14.78	14.63
	1RB-Middle (50)	2560 (21350)	14.73	14.88	14.85	14.65
		2535 (21100)	14.45	14.70	14.70	14.74
		2510 (20850)	14.57	14.79	14.80	14.75
	1RB-Low (0)	2560 (21350)	14.73	14.94	14.81	14.78
		2535 (21100)	14.60	14.71	14.81	14.56
		2510 (20850)	14.40	14.72	14.61	14.52
	50RB-High (50)	2560 (21350)	14.77	14.83	14.82	14.56
		2535 (21100)	14.54	14.54	14.51	14.49
		2510 (20850)	14.61	14.62	14.62	14.52
	50RB-Middle (25)	2560 (21350)	14.74	14.79	14.79	14.50
		2535 (21100)	14.55	14.55	14.55	14.53
		2510 (20850)	14.55	14.56	14.58	14.58
	50RB-Low (0)	2560 (21350)	14.75	14.80	14.79	14.56
		2535 (21100)	14.56	14.54	14.58	14.52
		2510 (20850)	14.51	14.52	14.54	14.54
	100RB (0)	2560 (21350)	14.75	14.75	14.75	14.57
		2535 (21100)	14.57	14.52	14.54	14.74
		2510 (20850)	14.57	14.56	14.59	14.79

LTE Band7(ANT4 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	16.22	16.60	16.47	16.31
		2535 (21100)	16.29	16.62	16.47	16.32
		2502.5 (20775)	16.54	16.69	16.74	16.39
	1RB-Middle (12)	2567.5 (21425)	16.21	16.67	16.51	16.37
		2535 (21100)	16.33	16.62	16.63	16.32
		2502.5 (20775)	16.65	16.77	16.64	16.47
	1RB-Low (0)	2567.5 (21425)	16.33	16.67	16.43	16.37
		2535 (21100)	16.33	16.55	16.50	16.25
		2502.5 (20775)	16.56	16.95	16.73	16.65
	12RB-High (13)	2567.5 (21425)	16.28	16.38	16.37	16.08
		2535 (21100)	16.27	16.28	16.27	15.98
		2502.5 (20775)	16.52	16.57	16.56	16.27
	12RB-Middle (6)	2567.5 (21425)	16.21	16.30	16.28	16.00
		2535 (21100)	16.25	16.26	16.31	15.96
		2502.5 (20775)	16.43	16.46	16.55	16.16
	12RB-Low (0)	2567.5 (21425)	16.29	16.38	16.39	16.08
		2535 (21100)	16.33	16.39	16.37	16.09
		2502.5 (20775)	16.53	16.62	16.67	16.32
	25RB (0)	2567.5 (21425)	16.32	16.32	16.35	16.02
		2535 (21100)	16.32	16.29	16.26	15.99
		2502.5 (20775)	16.54	16.58	16.56	16.28
10MHz	1RB-High (49)	2565 (21400)	16.38	16.58	16.51	16.28
		2535 (21100)	16.32	16.60	16.47	16.31
		2505 (20800)	16.47	16.72	16.76	16.42
	1RB-Middle (24)	2565 (21400)	16.23	16.50	16.46	16.20
		2535 (21100)	16.21	16.57	16.48	16.27
		2505 (20800)	16.45	16.79	16.63	16.49
	1RB-Low (0)	2565 (21400)	16.39	16.64	16.52	16.34
		2535 (21100)	16.55	16.72	16.62	16.42
		2505 (20800)	16.59	16.83	16.85	16.53
	25RB-High (25)	2565 (21400)	16.30	16.31	16.32	16.01
		2535 (21100)	16.23	16.28	16.27	15.98
		2505 (20800)	16.43	16.50	16.50	16.20
	25RB-Middle (12)	2565 (21400)	16.28	16.32	16.25	16.02
		2535 (21100)	16.26	16.32	16.29	16.02
		2505 (20800)	16.46	16.52	16.49	16.22
	25RB-Low (0)	2565 (21400)	16.30	16.34	16.31	16.05
		2535 (21100)	16.31	16.34	16.33	16.05
		2505 (20800)	16.52	16.57	16.47	16.27
	50RB (0)	2565 (21400)	16.31	16.30	16.32	16.00
		2535 (21100)	16.29	16.40	16.32	16.10
		2505 (20800)	16.46	16.51	16.48	16.21

15MHz	1RB-High (74)	2562.5 (21375)	16.33	16.67	16.47	16.37
		2535 (21100)	16.31	16.56	16.48	16.26
		2507.5 (20825)	16.53	16.81	16.70	16.51
	1RB-Middle (37)	2562.5 (21375)	16.23	16.56	16.43	16.26
		2535 (21100)	16.23	16.58	16.41	16.28
		2507.5 (20825)	16.38	16.60	16.55	16.31
	1RB-Low (0)	2562.5 (21375)	16.32	16.60	16.56	16.31
		2535 (21100)	16.44	16.59	16.63	16.29
		2507.5 (20825)	16.55	16.89	16.79	16.59
	36RB-High (38)	2562.5 (21375)	16.26	16.29	16.31	15.99
		2535 (21100)	16.21	16.26	16.25	15.96
		2507.5 (20825)	16.35	16.38	16.39	16.08
	36RB-Middle (19)	2562.5 (21375)	16.21	16.23	16.25	15.94
		2535 (21100)	16.25	16.30	16.25	16.00
		2507.5 (20825)	16.32	16.41	16.40	16.11
	36RB-Low (0)	2562.5 (21375)	16.26	16.31	16.31	16.01
		2535 (21100)	16.28	16.33	16.35	16.03
		2507.5 (20825)	16.45	16.50	16.48	16.20
	75RB (0)	2562.5 (21375)	16.27	16.28	16.31	15.98
		2535 (21100)	16.30	16.31	16.32	16.01
		2507.5 (20825)	16.40	16.43	16.41	16.13
20MHz	1RB-High (99)	2560 (21350)	16.30	16.55	16.50	16.29
		2535 (21100)	16.31	16.62	16.52	16.23
		2510 (20850)	16.38	16.64	16.56	16.21
	1RB-Middle (50)	2560 (21350)	16.26	16.49	16.50	16.23
		2535 (21100)	16.46	16.53	16.48	16.33
		2510 (20850)	16.26	16.48	16.50	16.34
	1RB-Low (0)	2560 (21350)	16.54	16.67	16.60	16.37
		2535 (21100)	16.31	16.62	16.61	16.13
		2510 (20850)	16.38	16.65	16.64	16.09
	50RB-High (50)	2560 (21350)	16.39	16.36	16.40	16.13
		2535 (21100)	16.26	16.33	16.36	16.05
		2510 (20850)	16.32	16.42	16.40	16.09
	50RB-Middle (25)	2560 (21350)	16.33	16.32	16.32	16.06
		2535 (21100)	16.34	16.35	16.36	16.10
		2510 (20850)	16.32	16.31	16.33	16.15
	50RB-Low (0)	2560 (21350)	16.44	16.31	16.37	16.13
		2535 (21100)	16.36	16.42	16.42	16.09
		2510 (20850)	16.39	16.38	16.40	16.11
	100RB (0)	2560 (21350)	16.37	16.34	16.36	16.14
		2535 (21100)	16.37	16.31	16.38	16.33
		2510 (20850)	16.31	16.34	16.38	16.38

LTE Band7(ANT4 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	14.88	15.21	15.11	15.07
		2535 (21100)	14.94	15.22	15.11	15.08
		2502.5 (20775)	15.17	15.29	15.36	15.15
	1RB-Middle (12)	2567.5 (21425)	14.87	15.27	15.15	15.13
		2535 (21100)	14.98	15.22	15.26	15.08
		2502.5 (20775)	15.27	15.36	15.27	15.22
	1RB-Low (0)	2567.5 (21425)	14.98	15.27	15.07	15.13
		2535 (21100)	14.98	15.16	15.14	15.02
		2502.5 (20775)	15.19	15.53	15.35	15.39
	12RB-High (13)	2567.5 (21425)	14.93	15.00	15.02	14.86
		2535 (21100)	14.92	14.91	14.93	14.77
		2502.5 (20775)	15.15	15.18	15.19	15.04
	12RB-Middle (6)	2567.5 (21425)	14.87	14.93	14.94	14.79
		2535 (21100)	14.90	14.89	14.96	14.75
		2502.5 (20775)	15.07	15.08	15.18	14.94
	12RB-Low (0)	2567.5 (21425)	14.94	15.00	15.04	14.86
		2535 (21100)	14.98	15.01	15.02	14.87
		2502.5 (20775)	15.16	15.22	15.29	15.08
	25RB (0)	2567.5 (21425)	14.97	14.95	15.00	14.81
		2535 (21100)	14.97	14.92	14.92	14.78
		2502.5 (20775)	15.17	15.19	15.19	15.05
10MHz	1RB-High (49)	2565 (21400)	15.02	15.19	15.15	15.05
		2535 (21100)	14.97	15.21	15.11	15.07
		2505 (20800)	15.11	15.32	15.38	15.18
	1RB-Middle (24)	2565 (21400)	14.89	15.11	15.10	14.97
		2535 (21100)	14.87	15.18	15.12	15.04
		2505 (20800)	15.09	15.38	15.26	15.24
	1RB-Low (0)	2565 (21400)	15.03	15.24	15.16	15.10
		2535 (21100)	15.18	15.32	15.25	15.18
		2505 (20800)	15.22	15.42	15.46	15.28
	25RB-High (25)	2565 (21400)	14.95	14.94	14.97	14.80
		2535 (21100)	14.89	14.91	14.93	14.77
		2505 (20800)	15.07	15.11	15.14	14.97
	25RB-Middle (12)	2565 (21400)	14.93	14.95	14.91	14.81
		2535 (21100)	14.91	14.95	14.95	14.81
		2505 (20800)	15.10	15.13	15.13	14.99
	25RB-Low (0)	2565 (21400)	14.95	14.97	14.96	14.83
		2535 (21100)	14.96	14.97	14.98	14.83
		2505 (20800)	15.15	15.18	15.11	15.04
	50RB (0)	2565 (21400)	14.96	14.93	14.97	14.79
		2535 (21100)	14.94	15.02	14.97	14.88
		2505 (20800)	15.10	15.12	15.12	14.98

15MHz	1RB-High (74)	2562.5 (21375)	14.98	15.27	15.11	15.13
		2535 (21100)	14.96	15.17	15.12	15.03
		2507.5 (20825)	15.16	15.40	15.32	15.26
	1RB-Middle (37)	2562.5 (21375)	14.89	15.17	15.07	15.03
		2535 (21100)	14.89	15.19	15.06	15.05
		2507.5 (20825)	15.02	15.21	15.18	15.07
	1RB-Low (0)	2562.5 (21375)	14.97	15.21	15.19	15.07
		2535 (21100)	15.08	15.20	15.26	15.06
		2507.5 (20825)	15.18	15.47	15.40	15.33
	36RB-High (38)	2562.5 (21375)	14.91	14.92	14.96	14.78
		2535 (21100)	14.87	14.89	14.91	14.75
		2507.5 (20825)	15.00	15.00	15.04	14.86
	36RB-Middle (19)	2562.5 (21375)	14.87	14.87	14.91	14.73
		2535 (21100)	14.90	14.93	14.91	14.79
		2507.5 (20825)	14.97	15.03	15.05	14.89
	36RB-Low (0)	2562.5 (21375)	14.91	14.94	14.96	14.80
		2535 (21100)	14.93	14.96	15.00	14.82
		2507.5 (20825)	15.09	15.11	15.12	14.97
	75RB (0)	2562.5 (21375)	14.92	14.91	14.96	14.77
		2535 (21100)	14.95	14.94	14.97	14.80
		2507.5 (20825)	15.04	15.05	15.06	14.91
20MHz	1RB-High (99)	2560 (21350)	15.08	15.38	15.31	15.24
		2535 (21100)	15.01	15.20	15.21	15.06
		2510 (20850)	15.07	15.44	15.32	15.30
	1RB-Middle (50)	2560 (21350)	15.02	15.24	15.18	15.10
		2535 (21100)	15.00	15.21	15.18	15.07
		2510 (20850)	14.92	15.15	15.05	15.01
	1RB-Low (0)	2560 (21350)	15.17	15.27	15.23	15.13
		2535 (21100)	15.15	15.39	15.27	15.25
		2510 (20850)	15.13	15.43	15.29	15.29
	50RB-High (50)	2560 (21350)	15.08	15.09	15.09	14.95
		2535 (21100)	15.05	15.04	15.08	14.90
		2510 (20850)	15.07	15.09	15.12	14.95
	50RB-Middle (25)	2560 (21350)	15.01	15.04	15.02	14.90
		2535 (21100)	15.07	15.06	15.08	14.92
		2510 (20850)	15.01	15.03	15.07	14.89
	50RB-Low (0)	2560 (21350)	15.11	15.13	15.06	14.99
		2535 (21100)	15.07	15.07	15.10	14.93
		2510 (20850)	15.03	15.12	15.12	14.98
	100RB (0)	2560 (21350)	15.04	15.06	15.05	14.92
		2535 (21100)	15.08	15.06	15.07	14.92
		2510 (20850)	15.13	15.06	15.09	14.92

LTE Band12(ANT0 ECI1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	21.58	21.72	21.67	18.95
		707.5 (23095)	21.54	21.71	21.64	19.10
		699.7 (23017)	21.39	21.54	21.60	18.99
	1RB-Middle (3)	715.3 (23173)	21.49	21.55	21.66	18.95
		707.5 (23095)	21.45	21.65	21.69	18.96
		699.7 (23017)	21.36	21.53	21.51	18.98
	1RB-Low (0)	715.3 (23173)	21.57	21.83	21.68	18.98
		707.5 (23095)	21.54	21.64	21.71	18.85
		699.7 (23017)	21.40	21.54	21.48	18.94
	3RB-High (3)	715.3 (23173)	21.48	21.45	21.57	19.04
		707.5 (23095)	21.48	21.53	21.60	19.07
		699.7 (23017)	21.38	21.36	21.52	18.87
	3RB-Middle (1)	715.3 (23173)	21.40	21.38	21.60	19.10
		707.5 (23095)	21.37	21.44	21.50	18.96
		699.7 (23017)	21.33	21.45	21.45	19.15
	3RB-Low (0)	715.3 (23173)	21.54	21.58	21.65	18.93
		707.5 (23095)	21.49	21.45	21.61	18.86
		699.7 (23017)	21.32	21.36	21.46	19.02
	6RB (0)	715.3 (23173)	21.59	21.56	20.54	18.97
		707.5 (23095)	21.47	21.52	20.47	18.89
		699.7 (23017)	21.42	21.46	20.54	18.87
3MHz	1RB-High (14)	714.5 (23165)	21.64	21.61	21.49	19.05
		707.5 (23095)	21.67	21.79	21.76	18.99
		700.5 (23025)	21.50	21.63	21.69	18.99
	1RB-Middle (7)	714.5 (23165)	21.63	21.66	21.65	19.13
		707.5 (23095)	21.50	21.64	21.71	18.85
		700.5 (23025)	21.35	21.51	21.46	18.80
	1RB-Low (0)	714.5 (23165)	21.66	21.87	21.71	19.10
		707.5 (23095)	21.60	21.69	21.57	18.98
		700.5 (23025)	21.43	21.62	21.56	18.97
	8RB-High (7)	714.5 (23165)	21.54	21.58	20.59	19.07
		707.5 (23095)	21.54	21.56	20.50	18.84
		700.5 (23025)	21.45	21.51	20.55	18.96
	8RB-Middle (4)	714.5 (23165)	21.61	21.53	20.56	19.15
		707.5 (23095)	21.53	21.48	20.53	18.85
		700.5 (23025)	21.43	21.44	20.52	19.08
	8RB-Low (0)	714.5 (23165)	21.63	21.62	20.51	18.89
		707.5 (23095)	21.56	21.56	20.54	19.03
		700.5 (23025)	21.45	21.49	20.59	19.03
	15RB (0)	714.5 (23165)	21.58	21.59	20.63	19.00
		707.5 (23095)	21.50	21.50	20.56	18.97
		700.5 (23025)	21.41	21.49	20.54	18.82

5MHz	1RB-High (24)	713.5 (23155)	21.58	21.84	21.73	18.84
		707.5 (23095)	21.60	21.76	21.73	19.10
		701.5 (23035)	21.62	21.69	21.73	19.09
	1RB-Middle (12)	713.5 (23155)	21.61	21.72	21.75	18.86
		707.5 (23095)	21.59	21.62	21.80	18.83
		701.5 (23035)	21.60	21.75	21.67	18.92
	1RB-Low (0)	713.5 (23155)	21.63	21.78	21.72	19.00
		707.5 (23095)	21.68	21.78	21.75	19.03
		701.5 (23035)	21.47	21.69	21.65	19.14
	12RB-High (13)	713.5 (23155)	21.63	21.62	20.69	18.81
		707.5 (23095)	21.59	21.61	20.58	18.97
		701.5 (23035)	21.54	21.59	20.61	19.13
	12RB-Middle (6)	713.5 (23155)	21.57	21.57	20.67	19.02
		707.5 (23095)	21.56	21.56	20.62	19.12
		701.5 (23035)	21.55	21.53	20.67	18.98
	12RB-Low (0)	713.5 (23155)	21.59	21.60	20.67	19.10
		707.5 (23095)	21.61	21.58	20.68	18.94
		701.5 (23035)	21.49	21.54	20.69	18.85
	25RB (0)	713.5 (23155)	21.60	21.61	20.64	18.93
		707.5 (23095)	21.62	21.64	20.63	18.80
		701.5 (23035)	21.56	21.61	20.60	18.96
10MHz	1RB-High (49)	711 (23130)	21.38	21.61	21.46	19.14
		707.5 (23095)	21.36	21.49	21.46	19.08
		704 (23060)	21.33	21.47	21.50	19.12
	1RB-Middle (24)	711 (23130)	21.28	21.54	21.54	19.15
		707.5 (23095)	21.32	21.47	21.55	19.16
		704 (23060)	21.35	21.69	21.46	19.08
	1RB-Low (0)	711 (23130)	21.41	21.69	21.54	19.15
		707.5 (23095)	21.43	21.53	21.54	19.15
		704 (23060)	21.46	21.38	21.37	19.00
	25RB-High (25)	711 (23130)	21.36	21.34	20.38	18.88
		707.5 (23095)	21.27	21.34	20.36	18.86
		704 (23060)	21.39	21.39	20.39	18.89
	25RB-Middle (12)	711 (23130)	21.39	21.38	20.37	18.87
		707.5 (23095)	21.36	21.37	20.38	18.88
		704 (23060)	21.45	21.40	20.33	18.83
	25RB-Low (0)	711 (23130)	21.32	21.42	20.40	18.90
		707.5 (23095)	21.31	21.33	20.39	18.89
		704 (23060)	21.21	21.38	20.41	18.91
	50RB (0)	711 (23130)	21.39	21.39	20.41	18.91
		707.5 (23095)	21.37	21.36	20.34	18.84
		704 (23060)	21.35	21.31	20.38	18.88

LTE Band12(ANT0 ECI4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	20.36	20.47	20.20	18.42
		707.5 (23095)	20.18	20.38	20.43	18.34
		699.7 (23017)	20.18	20.27	20.57	18.55
	1RB-Middle (3)	715.3 (23173)	20.16	20.58	20.33	18.41
		707.5 (23095)	20.31	20.27	20.32	18.37
		699.7 (23017)	20.46	20.43	20.40	18.65
	1RB-Low (0)	715.3 (23173)	20.40	20.24	20.20	18.50
		707.5 (23095)	20.49	20.21	20.17	18.44
		699.7 (23017)	20.57	20.56	20.29	18.61
	3RB-High (3)	715.3 (23173)	20.56	20.21	20.16	18.49
		707.5 (23095)	20.42	20.43	20.22	18.52
		699.7 (23017)	20.42	20.21	20.54	18.57
	3RB-Middle (1)	715.3 (23173)	20.42	20.21	20.58	18.60
		707.5 (23095)	20.60	20.59	20.20	18.34
		699.7 (23017)	20.27	20.41	20.57	18.64
	3RB-Low (0)	715.3 (23173)	20.23	20.60	20.33	18.44
		707.5 (23095)	20.38	20.15	20.44	18.36
		699.7 (23017)	20.27	20.37	20.22	18.44
	6RB (0)	715.3 (23173)	20.26	20.41	20.24	18.48
		707.5 (23095)	20.31	20.39	20.50	18.36
		699.7 (23017)	20.28	20.24	20.29	18.62
3MHz	1RB-High (14)	714.5 (23165)	20.45	20.38	20.48	18.42
		707.5 (23095)	20.35	20.59	20.21	18.41
		700.5 (23025)	20.35	20.44	20.26	18.35
	1RB-Middle (7)	714.5 (23165)	20.60	20.31	20.22	18.47
		707.5 (23095)	20.54	20.60	20.49	18.35
		700.5 (23025)	20.15	20.53	20.34	18.60
	1RB-Low (0)	714.5 (23165)	20.22	20.60	20.24	18.57
		707.5 (23095)	20.24	20.22	20.17	18.38
		700.5 (23025)	20.51	20.37	20.43	18.50
	8RB-High (7)	714.5 (23165)	20.18	20.31	20.21	18.65
		707.5 (23095)	20.30	20.26	20.28	18.58
		700.5 (23025)	20.28	20.56	20.23	18.36
	8RB-Middle (4)	714.5 (23165)	20.16	20.20	20.46	18.64
		707.5 (23095)	20.59	20.16	20.60	18.40
		700.5 (23025)	20.48	20.60	20.22	18.46
	8RB-Low (0)	714.5 (23165)	20.30	20.39	20.59	18.48
		707.5 (23095)	20.51	20.53	20.51	18.42
		700.5 (23025)	20.31	20.29	20.23	18.50
	15RB (0)	714.5 (23165)	20.42	20.36	20.20	18.49
		707.5 (23095)	20.59	20.59	20.27	18.40
		700.5 (23025)	20.47	20.57	20.28	18.34

5MHz	1RB-High (24)	713.5 (23155)	20.39	20.25	20.20	18.54
		707.5 (23095)	20.51	20.26	20.53	18.38
		701.5 (23035)	20.52	20.58	20.38	18.65
	1RB-Middle (12)	713.5 (23155)	20.45	20.43	20.18	18.34
		707.5 (23095)	20.37	20.53	20.44	18.36
		701.5 (23035)	20.17	20.25	20.48	18.56
	1RB-Low (0)	713.5 (23155)	20.57	20.52	20.22	18.46
		707.5 (23095)	20.38	20.47	20.34	18.48
		701.5 (23035)	20.39	20.55	20.56	18.42
	12RB-High (13)	713.5 (23155)	20.18	20.48	20.27	18.31
		707.5 (23095)	20.38	20.48	20.46	18.40
		701.5 (23035)	20.46	20.25	20.52	18.65
	12RB-Middle (6)	713.5 (23155)	20.51	20.57	20.50	18.35
		707.5 (23095)	20.36	20.56	20.31	18.45
		701.5 (23035)	20.20	20.26	20.49	18.62
	12RB-Low (0)	713.5 (23155)	20.38	20.28	20.59	18.62
		707.5 (23095)	20.37	20.60	20.21	18.40
		701.5 (23035)	20.33	20.51	20.55	18.43
	25RB (0)	713.5 (23155)	20.28	20.53	20.21	18.40
		707.5 (23095)	20.23	20.40	20.19	18.42
		701.5 (23035)	20.46	20.25	20.20	18.65
10MHz	1RB-High (49)	711 (23130)	20.29	20.46	20.38	18.54
		707.5 (23095)	20.23	20.50	20.32	18.62
		704 (23060)	20.31	20.57	20.32	18.55
	1RB-Middle (24)	711 (23130)	20.30	20.44	20.38	18.39
		707.5 (23095)	20.35	20.51	20.57	18.38
		704 (23060)	20.16	20.42	20.41	18.56
	1RB-Low (0)	711 (23130)	20.35	20.54	20.53	18.57
		707.5 (23095)	20.38	20.44	20.33	18.54
		704 (23060)	20.40	20.51	20.34	18.30
	25RB-High (25)	711 (23130)	20.24	20.25	20.20	18.35
		707.5 (23095)	20.26	20.26	20.12	18.61
		704 (23060)	20.26	20.30	20.32	18.65
	25RB-Middle (12)	711 (23130)	20.23	20.25	20.24	18.31
		707.5 (23095)	20.29	20.28	20.15	18.62
		704 (23060)	20.19	20.20	20.24	18.55
	25RB-Low (0)	711 (23130)	20.34	20.30	20.26	18.53
		707.5 (23095)	20.35	20.26	20.22	18.63
		704 (23060)	20.38	20.25	20.28	18.50
	50RB (0)	711 (23130)	20.29	20.26	20.27	18.40
		707.5 (23095)	20.20	20.26	20.23	18.43
		704 (23060)	20.28	20.28	20.27	18.63

LTE Band12(ANT1 ECI1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	23.15	23.12	22.21	19.55
		707.5 (23095)	24.03	23.11	22.25	19.58
		699.7 (23017)	23.95	23.08	22.06	19.41
	1RB-Middle (3)	715.3 (23173)	23.16	23.11	22.08	19.43
		707.5 (23095)	23.98	23.23	22.14	19.49
		699.7 (23017)	23.80	22.96	22.02	19.38
	1RB-Low (0)	715.3 (23173)	23.16	23.24	22.20	19.54
		707.5 (23095)	24.12	23.22	22.19	19.53
		699.7 (23017)	23.96	23.09	22.13	19.48
	3RB-High (3)	715.3 (23173)	24.13	22.99	22.05	19.48
		707.5 (23095)	23.91	22.93	22.11	19.54
		699.7 (23017)	23.80	22.91	21.97	19.41
	3RB-Middle (1)	715.3 (23173)	24.04	22.95	22.04	19.47
		707.5 (23095)	23.93	22.97	22.10	19.53
		699.7 (23017)	23.76	22.81	21.96	19.40
	3RB-Low (0)	715.3 (23173)	24.09	23.05	22.08	19.51
		707.5 (23095)	23.95	22.92	22.13	19.55
		699.7 (23017)	23.84	22.93	21.98	19.42
	6RB (0)	715.3 (23173)	23.07	22.04	20.95	19.32
		707.5 (23095)	23.02	22.03	20.95	19.32
		699.7 (23017)	22.94	21.92	20.94	19.31
3MHz	1RB-High (14)	714.5 (23165)	23.11	23.33	22.11	19.46
		707.5 (23095)	24.13	23.17	22.14	19.49
		700.5 (23025)	23.96	23.14	21.99	19.35
	1RB-Middle (7)	714.5 (23165)	23.11	23.08	22.15	19.49
		707.5 (23095)	24.00	23.23	22.06	19.41
		700.5 (23025)	23.94	23.06	22.07	19.42
	1RB-Low (0)	714.5 (23165)	23.12	23.26	22.12	19.47
		707.5 (23095)	23.98	23.27	22.22	19.56
		700.5 (23025)	23.93	23.05	22.08	19.43
	8RB-High (7)	714.5 (23165)	23.06	22.07	21.05	19.41
		707.5 (23095)	23.03	22.07	20.98	19.34
		700.5 (23025)	23.00	22.09	21.05	19.41
	8RB-Middle (4)	714.5 (23165)	23.07	22.06	21.00	19.36
		707.5 (23095)	22.99	21.97	21.03	19.39
		700.5 (23025)	22.93	21.98	21.04	19.40
	8RB-Low (0)	714.5 (23165)	23.05	22.12	20.99	19.35
		707.5 (23095)	23.05	22.11	20.97	19.34
		700.5 (23025)	22.96	22.04	21.04	19.40
	15RB (0)	714.5 (23165)	23.13	21.98	21.06	19.42
		707.5 (23095)	23.02	22.04	20.98	19.34
		700.5 (23025)	23.01	22.01	21.02	19.38

5MHz	1RB-High (24)	713.5 (23155)	23.98	23.05	22.15	19.49
		707.5 (23095)	24.08	23.43	22.38	19.54
		701.5 (23035)	24.03	23.27	22.26	19.59
	1RB-Middle (12)	713.5 (23155)	24.18	23.38	22.29	19.53
		707.5 (23095)	24.12	23.21	22.21	19.55
		701.5 (23035)	24.00	23.19	22.28	19.47
	1RB-Low (0)	713.5 (23155)	24.07	23.29	22.25	19.58
		707.5 (23095)	24.25	23.21	22.26	19.59
		701.5 (23035)	24.12	23.03	22.12	19.47
	12RB-High (13)	713.5 (23155)	23.16	22.09	21.12	19.47
		707.5 (23095)	23.12	22.08	21.11	19.46
		701.5 (23035)	23.10	22.09	21.13	19.48
	12RB-Middle (6)	713.5 (23155)	23.07	22.10	21.09	19.45
		707.5 (23095)	23.07	22.02	21.06	19.42
		701.5 (23035)	23.04	22.03	21.16	19.51
	12RB-Low (0)	713.5 (23155)	23.09	22.11	21.11	19.46
		707.5 (23095)	23.15	22.06	21.17	19.52
		701.5 (23035)	23.08	22.04	21.16	19.51
	25RB (0)	713.5 (23155)	23.15	22.09	21.10	19.46
		707.5 (23095)	23.16	22.13	21.11	19.46
		701.5 (23035)	23.12	22.08	21.08	19.44
10MHz	1RB-High (49)	711 (23130)	23.91	23.01	21.95	19.32
		707.5 (23095)	23.80	23.04	21.97	19.34
		704 (23060)	23.92	23.06	22.11	19.46
	1RB-Middle (24)	711 (23130)	23.86	23.12	22.03	19.39
		707.5 (23095)	23.88	22.99	22.10	19.45
		704 (23060)	24.01	23.14	22.07	19.42
	1RB-Low (0)	711 (23130)	24.00	23.12	22.16	19.50
		707.5 (23095)	24.01	23.08	22.00	19.36
		704 (23060)	24.05	22.98	21.92	19.29
	25RB-High (25)	711 (23130)	22.96	21.95	20.93	19.30
		707.5 (23095)	22.95	21.94	20.85	19.22
		704 (23060)	22.94	21.96	20.89	19.26
	25RB-Middle (12)	711 (23130)	22.96	21.97	20.85	19.22
		707.5 (23095)	22.97	21.93	20.91	19.28
		704 (23060)	23.02	21.97	20.89	19.26
	25RB-Low (0)	711 (23130)	22.94	22.01	20.94	19.31
		707.5 (23095)	22.97	21.92	20.94	19.31
		704 (23060)	22.97	21.92	20.92	19.29
	50RB (0)	711 (23130)	22.97	21.97	20.90	19.27
		707.5 (23095)	22.88	21.92	20.89	19.26
		704 (23060)	22.90	21.92	20.91	19.28

LTE Band13(ANT0 ECI1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	21.50	21.64	21.71	18.66
		782 (23230)	21.61	21.40	21.45	18.72
		779.5 (23205)	21.55	21.73	21.77	18.66
	1RB-Middle (12)	784.5 (23255)	21.48	21.55	21.84	18.61
		782 (23230)	21.54	21.66	21.62	18.80
		779.5 (23205)	21.50	21.56	21.63	18.67
	1RB-Low (0)	784.5 (23255)	21.59	21.51	21.77	18.80
		782 (23230)	21.56	21.67	21.73	18.67
		779.5 (23205)	21.54	21.73	21.61	18.65
	12RB-High (13)	784.5 (23255)	21.53	21.50	20.62	18.65
		782 (23230)	21.51	21.47	20.58	18.78
		779.5 (23205)	21.51	21.51	20.61	18.64
	12RB-Middle (6)	784.5 (23255)	21.45	21.44	20.54	18.81
		782 (23230)	21.49	21.51	20.64	18.70
		779.5 (23205)	21.52	21.48	20.61	18.56
	12RB-Low (0)	784.5 (23255)	21.53	21.57	20.63	18.73
		782 (23230)	21.55	21.54	20.68	18.65
		779.5 (23205)	21.48	21.49	20.60	18.55
	25RB (0)	784.5 (23255)	21.57	21.51	20.58	18.55
		782 (23230)	21.54	21.51	20.55	18.56
		779.5 (23205)	21.53	21.52	20.56	18.65
10MHz	1RB-High (49)	782 (23230)	21.55	21.65	21.57	18.57
	1RB-Middle (24)	782 (23230)	21.59	21.69	21.67	18.57
	1RB-Low (0)	782 (23230)	21.72	21.46	21.54	18.60
	25RB-High (25)	782 (23230)	21.52	21.56	20.58	18.66
	25RB-Middle (12)	782 (23230)	21.48	21.48	20.52	18.80
	25RB-Low (0)	782 (23230)	21.59	21.53	20.56	18.72
	50RB (0)	782 (23230)	21.54	21.51	20.59	18.80

LTE Band13(ANT1 ECI1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	23.61	22.54	21.71	19.34
		782 (23230)	23.56	22.61	21.78	19.40
		779.5 (23205)	23.49	22.63	21.60	19.24
	1RB-Middle (12)	784.5 (23255)	23.62	22.60	21.78	19.40
		782 (23230)	23.52	22.62	21.62	19.26
		779.5 (23205)	23.53	22.55	21.50	19.15
	1RB-Low (0)	784.5 (23255)	23.67	22.66	21.72	19.35
		782 (23230)	23.63	22.63	21.76	19.38
		779.5 (23205)	23.46	22.65	21.55	19.20
	12RB-High (13)	784.5 (23255)	22.62	21.59	20.62	19.20
		782 (23230)	22.58	21.57	20.58	19.17
		779.5 (23205)	22.43	21.44	20.50	19.09
	12RB-Middle (6)	784.5 (23255)	22.62	21.53	20.63	19.21
		782 (23230)	22.53	21.51	20.48	19.07
		779.5 (23205)	22.41	21.47	20.52	19.11
	12RB-Low (0)	784.5 (23255)	22.60	21.60	20.62	19.20
		782 (23230)	22.53	21.55	20.59	19.18
		779.5 (23205)	22.45	21.40	20.48	19.07
	25RB (0)	784.5 (23255)	22.59	21.56	20.53	19.12
		782 (23230)	22.63	21.55	20.53	19.12
		779.5 (23205)	22.45	21.48	20.40	19.00
10MHz	1RB-High (49)	782 (23230)	23.58	22.73	21.82	19.44
	1RB-Middle (24)	782 (23230)	23.46	22.73	21.89	19.50
	1RB-Low (0)	782 (23230)	23.60	22.67	21.88	19.49
	25RB-High (25)	782 (23230)	22.51	21.61	20.59	19.18
	25RB-Middle (12)	782 (23230)	22.53	21.52	20.53	19.12
	25RB-Low (0)	782 (23230)	22.59	21.60	20.50	19.09
	50RB (0)	782 (23230)	22.58	21.54	20.57	19.16

LTE Band25(ANT5 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	17.89	18.08	17.95	17.84
		1882.5 (26365)	17.75	17.95	17.91	17.80
		1850.7 (26047)	17.30	17.39	17.49	17.39
	1RB-Middle (3)	1914.3 (26683)	17.88	18.02	17.94	17.83
		1882.5 (26365)	17.78	17.91	17.96	17.85
		1850.7 (26047)	17.28	17.41	17.40	17.30
	1RB-Low (0)	1914.3 (26683)	17.94	18.04	18.06	17.95
		1882.5 (26365)	17.74	17.98	17.89	17.78
		1850.7 (26047)	17.33	17.47	17.55	17.45
	3RB-High (3)	1914.3 (26683)	17.80	17.68	17.93	17.82
		1882.5 (26365)	17.72	17.67	17.81	17.70
		1850.7 (26047)	17.27	17.23	17.37	17.27
	3RB-Middle (1)	1914.3 (26683)	17.76	17.75	17.95	17.84
		1882.5 (26365)	17.69	17.68	17.83	17.72
		1850.7 (26047)	17.24	17.22	17.37	17.27
	3RB-Low (0)	1914.3 (26683)	17.85	17.76	18.01	17.90
		1882.5 (26365)	17.72	17.63	17.79	17.68
		1850.7 (26047)	17.31	17.24	17.43	17.33
	6RB (0)	1914.3 (26683)	17.81	17.91	17.86	17.75
		1882.5 (26365)	17.68	17.77	17.74	17.63
		1850.7 (26047)	17.27	17.37	17.24	17.14
3MHz	1RB-High (14)	1913.5 (26675)	17.88	18.11	17.97	17.86
		1882.5 (26365)	17.75	17.93	17.80	17.69
		1851.5 (26055)	17.35	17.62	17.42	17.32
	1RB-Middle (7)	1913.5 (26675)	17.94	17.95	18.02	17.91
		1882.5 (26365)	17.82	17.88	17.81	17.70
		1851.5 (26055)	17.25	17.52	17.41	17.31
	1RB-Low (0)	1913.5 (26675)	17.82	18.06	18.05	17.94
		1882.5 (26365)	17.70	18.08	17.78	17.67
		1851.5 (26055)	17.28	17.48	17.38	17.28
	8RB-High (7)	1913.5 (26675)	17.88	17.90	17.82	17.71
		1882.5 (26365)	17.72	17.79	17.75	17.64
		1851.5 (26055)	17.34	17.39	17.38	17.28
	8RB-Middle (4)	1913.5 (26675)	17.86	17.83	17.84	17.73
		1882.5 (26365)	17.70	17.79	17.71	17.60
		1851.5 (26055)	17.27	17.36	17.32	17.22
	8RB-Low (0)	1913.5 (26675)	17.87	17.91	17.85	17.74
		1882.5 (26365)	17.76	17.86	17.77	17.66
		1851.5 (26055)	17.26	17.40	17.32	17.22
	15RB (0)	1913.5 (26675)	17.90	17.83	17.89	17.78
		1882.5 (26365)	17.70	17.80	17.72	17.61
		1851.5 (26055)	17.30	17.27	17.36	17.26

5MHz	1RB-High (24)	1912.5 (26665)	18.04	18.16	18.11	18.00
		1882.5 (26365)	17.75	17.92	17.98	17.87
		1852.5 (26065)	17.44	17.64	17.52	17.42
	1RB-Middle (12)	1912.5 (26665)	17.88	18.22	18.20	18.09
		1882.5 (26365)	17.82	18.01	18.15	18.04
		1852.5 (26065)	17.36	17.58	17.61	17.50
	1RB-Low (0)	1912.5 (26665)	17.94	18.03	18.08	17.97
		1882.5 (26365)	17.73	17.96	17.90	17.79
		1852.5 (26065)	17.41	17.57	17.59	17.49
	12RB-High (13)	1912.5 (26665)	17.92	17.91	18.02	17.91
		1882.5 (26365)	17.77	17.76	17.81	17.70
		1852.5 (26065)	17.41	17.41	17.44	17.34
	12RB-Middle (6)	1912.5 (26665)	17.86	17.88	17.92	17.81
		1882.5 (26365)	17.73	17.79	17.87	17.76
		1852.5 (26065)	17.36	17.33	17.42	17.32
	12RB-Low (0)	1912.5 (26665)	17.89	17.89	17.94	17.83
		1882.5 (26365)	17.80	17.83	17.85	17.74
		1852.5 (26065)	17.34	17.38	17.43	17.33
	25RB (0)	1912.5 (26665)	17.94	17.92	17.91	17.80
		1882.5 (26365)	17.83	17.79	17.81	17.70
		1852.5 (26065)	17.44	17.40	17.43	17.33
10MHz	1RB-High (49)	1910 (26640)	18.04	18.07	18.18	18.07
		1882.5 (26365)	17.66	17.84	17.84	17.73
		1855 (26090)	17.56	17.80	17.76	17.65
	1RB-Middle (24)	1910 (26640)	17.94	18.12	18.07	17.96
		1882.5 (26365)	17.75	18.00	18.05	17.94
		1855 (26090)	17.44	17.67	17.61	17.50
	1RB-Low (0)	1910 (26640)	17.95	18.19	18.14	18.03
		1882.5 (26365)	17.68	17.85	17.84	17.73
		1855 (26090)	17.47	17.60	17.56	17.46
	25RB-High (25)	1910 (26640)	17.96	17.91	17.94	17.83
		1882.5 (26365)	17.81	17.78	17.79	17.68
		1855 (26090)	17.55	17.53	17.52	17.42
	25RB-Middle (12)	1910 (26640)	17.90	17.84	17.92	17.81
		1882.5 (26365)	17.82	17.79	17.79	17.68
		1855 (26090)	17.39	17.45	17.42	17.32
	25RB-Low (0)	1910 (26640)	17.86	17.84	17.85	17.74
		1882.5 (26365)	17.76	17.79	17.78	17.67
		1855 (26090)	17.37	17.42	17.41	17.31
	50RB (0)	1910 (26640)	17.94	17.95	17.93	17.82
		1882.5 (26365)	17.80	17.75	17.76	17.65
		1855 (26090)	17.46	17.45	17.52	17.42

15MHz	1RB-High (74)	1907.5 (26615)	18.09	18.20	18.17	18.06
		1882.5 (26365)	17.77	17.97	17.91	17.80
		1857.5 (26115)	17.71	17.89	17.79	17.68
	1RB-Middle (37)	1907.5 (26615)	17.85	18.11	17.98	17.87
		1882.5 (26365)	17.85	18.01	18.00	17.89
		1857.5 (26115)	17.39	17.65	17.61	17.50
	1RB-Low (0)	1907.5 (26615)	18.10	18.08	18.03	17.92
		1882.5 (26365)	17.77	17.98	17.93	17.82
		1857.5 (26115)	17.43	17.74	17.60	17.49
	36RB-High (38)	1907.5 (26615)	17.90	17.91	17.97	17.86
		1882.5 (26365)	17.68	17.74	17.74	17.63
		1857.5 (26115)	17.58	17.55	17.58	17.48
	36RB-Middle (19)	1907.5 (26615)	17.82	17.81	17.85	17.74
		1882.5 (26365)	17.71	17.72	17.74	17.63
		1857.5 (26115)	17.40	17.43	17.42	17.32
	36RB-Low (0)	1907.5 (26615)	17.88	17.88	17.94	17.83
		1882.5 (26365)	17.72	17.72	17.76	17.65
		1857.5 (26115)	17.35	17.40	17.40	17.30
	75RB (0)	1907.5 (26615)	17.89	17.93	17.93	17.82
		1882.5 (26365)	17.74	17.75	17.74	17.63
		1857.5 (26115)	17.48	17.49	17.54	17.44
20MHz	1RB-High (99)	1905 (26590)	18.37	18.42	18.44	18.33
		1882.5 (26365)	18.11	18.33	18.23	18.12
		1860 (26140)	17.72	18.22	18.20	18.09
	1RB-Middle (50)	1905 (26590)	18.45	18.34	18.34	18.23
		1882.5 (26365)	18.19	18.40	18.32	18.21
		1860 (26140)	18.00	18.05	17.93	17.82
	1RB-Low (0)	1905 (26590)	18.20	18.39	18.45	18.34
		1882.5 (26365)	18.12	18.36	18.20	18.09
		1860 (26140)	17.69	17.99	17.81	17.70
	50RB-High (50)	1905 (26590)	18.34	18.29	18.31	18.20
		1882.5 (26365)	18.13	18.09	18.12	18.01
		1860 (26140)	17.95	17.95	18.01	17.90
	50RB-Middle (25)	1905 (26590)	18.21	18.23	18.29	18.18
		1882.5 (26365)	18.09	18.05	18.05	17.94
		1860 (26140)	17.82	17.81	17.83	17.72
	50RB-Low (0)	1905 (26590)	18.27	18.34	18.33	18.22
		1882.5 (26365)	18.12	18.09	18.12	18.01
		1860 (26140)	17.67	17.64	17.64	17.53
	100RB (0)	1905 (26590)	18.30	18.26	18.26	18.15
		1882.5 (26365)	18.12	18.10	18.11	18.00
		1860 (26140)	17.80	17.80	17.80	17.69

LTE Band25(ANT5 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.24	22.44	21.37	19.03
		1882.5 (26365)	23.09	22.42	21.24	19.05
		1850.7 (26047)	22.63	21.88	20.71	18.91
	1RB-Middle (3)	1914.3 (26683)	23.26	22.40	21.31	18.96
		1882.5 (26365)	23.11	22.33	21.27	18.85
		1850.7 (26047)	22.64	21.86	20.69	19.07
	1RB-Low (0)	1914.3 (26683)	23.13	22.37	21.41	19.01
		1882.5 (26365)	23.11	22.36	21.27	18.96
		1850.7 (26047)	22.67	21.67	20.82	19.15
	3RB-High (3)	1914.3 (26683)	23.15	22.06	21.26	18.75
		1882.5 (26365)	23.06	21.99	21.09	19.06
		1850.7 (26047)	22.59	21.50	20.64	19.19
	3RB-Middle (1)	1914.3 (26683)	23.13	22.07	21.22	19.02
		1882.5 (26365)	23.05	22.03	21.12	19.00
		1850.7 (26047)	22.55	22.07	20.65	19.04
	3RB-Low (0)	1914.3 (26683)	23.17	22.21	21.26	18.77
		1882.5 (26365)	23.02	21.96	21.16	18.96
		1850.7 (26047)	22.55	21.51	20.67	19.19
	6RB (0)	1914.3 (26683)	22.16	21.26	20.13	18.86
		1882.5 (26365)	22.03	21.10	19.99	18.74
		1850.7 (26047)	21.59	20.63	19.54	19.17
3MHz	1RB-High (14)	1913.5 (26675)	23.18	22.45	21.33	19.20
		1882.5 (26365)	23.02	22.17	21.18	18.85
		1851.5 (26055)	22.65	21.99	20.86	19.04
	1RB-Middle (7)	1913.5 (26675)	23.17	22.23	21.27	19.16
		1882.5 (26365)	23.11	22.28	21.22	18.81
		1851.5 (26055)	22.60	21.80	20.79	18.92
	1RB-Low (0)	1913.5 (26675)	23.26	22.32	21.29	19.11
		1882.5 (26365)	23.03	22.30	21.15	18.90
		1851.5 (26055)	22.64	21.87	20.80	19.02
	8RB-High (7)	1913.5 (26675)	22.12	21.23	20.14	18.90
		1882.5 (26365)	22.08	21.14	20.04	19.05
		1851.5 (26055)	21.67	20.71	19.61	18.99
	8RB-Middle (4)	1913.5 (26675)	22.15	21.19	20.17	19.06
		1882.5 (26365)	22.03	21.09	20.07	19.11
		1851.5 (26055)	21.62	20.65	19.61	18.72
	8RB-Low (0)	1913.5 (26675)	22.19	21.19	20.14	19.10
		1882.5 (26365)	22.11	21.14	20.08	19.01
		1851.5 (26055)	21.61	20.69	19.58	19.14
	15RB (0)	1913.5 (26675)	22.19	21.20	20.18	19.12
		1882.5 (26365)	22.04	21.06	20.03	18.73
		1851.5 (26055)	21.59	20.60	19.57	18.92

5MHz	1RB-High (24)	1912.5 (26665)	23.25	22.36	21.42	18.81
		1882.5 (26365)	23.06	22.24	21.19	18.84
		1852.5 (26065)	22.77	22.01	20.87	19.18
	1RB-Middle (12)	1912.5 (26665)	23.26	22.49	21.38	18.97
		1882.5 (26365)	23.12	22.41	21.21	18.87
		1852.5 (26065)	22.64	21.85	20.86	18.92
	1RB-Low (0)	1912.5 (26665)	23.22	22.44	21.39	18.83
		1882.5 (26365)	23.08	22.36	21.25	19.04
		1852.5 (26065)	22.66	21.87	20.77	18.75
	12RB-High (13)	1912.5 (26665)	22.29	21.19	20.28	18.87
		1882.5 (26365)	22.11	21.13	20.10	18.99
		1852.5 (26065)	21.72	20.69	19.74	19.13
	12RB-Middle (6)	1912.5 (26665)	22.19	21.19	20.21	18.96
		1882.5 (26365)	22.09	21.13	20.12	19.16
		1852.5 (26065)	21.65	20.66	19.72	19.13
	12RB-Low (0)	1912.5 (26665)	22.24	21.19	20.26	19.13
		1882.5 (26365)	22.11	21.10	20.13	18.76
		1852.5 (26065)	21.66	20.69	19.72	18.94
	25RB (0)	1912.5 (26665)	22.27	21.22	20.20	18.78
		1882.5 (26365)	22.14	21.14	20.09	18.95
		1852.5 (26065)	21.74	20.72	19.72	18.95
10MHz	1RB-High (49)	1910 (26640)	23.39	22.49	21.52	19.18
		1882.5 (26365)	22.96	22.32	21.11	18.89
		1855 (26090)	22.83	22.07	21.03	18.83
	1RB-Middle (24)	1910 (26640)	23.19	22.37	21.30	18.75
		1882.5 (26365)	23.20	22.36	21.38	19.02
		1855 (26090)	22.74	21.85	20.90	18.70
	1RB-Low (0)	1910 (26640)	23.30	22.42	21.37	18.70
		1882.5 (26365)	23.03	22.20	21.26	19.04
		1855 (26090)	22.71	21.96	20.89	18.96
	25RB-High (25)	1910 (26640)	22.30	21.25	20.23	18.73
		1882.5 (26365)	22.11	21.10	20.09	18.93
		1855 (26090)	21.83	20.83	19.82	18.91
	25RB-Middle (12)	1910 (26640)	22.18	21.17	20.22	19.11
		1882.5 (26365)	22.11	21.08	20.13	18.82
		1855 (26090)	21.77	20.71	19.72	18.85
	25RB-Low (0)	1910 (26640)	22.20	21.16	20.16	19.10
		1882.5 (26365)	22.11	21.11	20.07	19.20
		1855 (26090)	21.70	20.68	19.70	18.84
	50RB (0)	1910 (26640)	22.23	21.19	20.18	19.10
		1882.5 (26365)	22.10	21.10	20.09	18.99
		1855 (26090)	21.80	20.77	19.76	18.80

15MHz	1RB-High (74)	1907.5 (26615)	23.33	22.44	21.45	18.91
		1882.5 (26365)	23.06	22.18	21.12	18.84
		1857.5 (26115)	23.05	22.11	21.06	18.83
	1RB-Middle (37)	1907.5 (26615)	23.17	22.41	21.29	19.12
		1882.5 (26365)	23.16	22.42	21.30	19.01
		1857.5 (26115)	22.74	22.01	20.89	18.87
	1RB-Low (0)	1907.5 (26615)	23.29	22.43	21.40	18.95
		1882.5 (26365)	23.06	22.33	21.12	19.13
		1857.5 (26115)	22.74	22.03	20.81	18.87
	36RB-High (38)	1907.5 (26615)	22.22	21.18	20.20	18.70
		1882.5 (26365)	22.03	21.00	20.02	18.71
		1857.5 (26115)	21.86	20.89	19.82	18.77
	36RB-Middle (19)	1907.5 (26615)	22.14	21.10	20.13	18.71
		1882.5 (26365)	22.06	21.03	20.08	18.95
		1857.5 (26115)	21.72	20.77	19.69	18.81
	36RB-Low (0)	1907.5 (26615)	22.18	21.18	20.18	18.83
		1882.5 (26365)	22.04	20.99	20.01	19.04
		1857.5 (26115)	21.65	20.63	19.67	19.07
	75RB (0)	1907.5 (26615)	22.22	21.20	20.18	19.08
		1882.5 (26365)	22.05	21.06	20.04	18.89
		1857.5 (26115)	21.77	20.79	19.78	18.88
20MHz	1RB-High (99)	1905 (26590)	23.28	22.50	21.50	19.00
		1882.5 (26365)	23.16	22.32	21.23	18.90
		1860 (26140)	23.02	22.18	21.08	18.85
	1RB-Middle (50)	1905 (26590)	23.38	22.33	21.29	18.72
		1882.5 (26365)	23.16	22.43	21.32	18.77
		1860 (26140)	22.76	21.93	20.90	18.98
	1RB-Low (0)	1905 (26590)	23.30	22.45	21.51	19.14
		1882.5 (26365)	23.07	22.34	21.18	18.73
		1860 (26140)	22.66	22.00	20.80	18.93
	50RB-High (50)	1905 (26590)	22.25	21.23	20.23	18.86
		1882.5 (26365)	22.09	21.05	20.09	18.99
		1860 (26140)	21.93	20.93	19.94	18.86
	50RB-Middle (25)	1905 (26590)	22.16	21.20	20.19	18.89
		1882.5 (26365)	22.04	21.02	19.98	19.07
		1860 (26140)	21.79	20.74	19.78	18.74
	50RB-Low (0)	1905 (26590)	22.21	21.28	20.25	18.97
		1882.5 (26365)	22.10	21.07	20.07	19.12
		1860 (26140)	21.62	20.55	19.63	18.82
	100RB (0)	1905 (26590)	22.26	21.21	20.26	18.84
		1882.5 (26365)	22.10	21.08	20.08	18.70
		1860 (26140)	21.76	20.75	19.76	18.86

LTE Band25(ANT6 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	16.26	16.47	16.38	16.30
		1882.5 (26365)	16.40	16.56	16.54	16.46
		1850.7 (26047)	16.30	16.43	16.46	16.24
	1RB-Middle (3)	1914.3 (26683)	16.19	16.39	16.36	16.26
		1882.5 (26365)	16.35	16.58	16.53	16.37
		1850.7 (26047)	16.28	16.41	16.36	16.23
	1RB-Low (0)	1914.3 (26683)	16.24	16.39	16.52	16.24
		1882.5 (26365)	16.39	16.68	16.56	16.28
		1850.7 (26047)	16.36	16.51	16.40	16.48
	3RB-High (3)	1914.3 (26683)	16.19	16.20	16.32	16.32
		1882.5 (26365)	16.31	16.30	16.45	16.37
		1850.7 (26047)	16.22	16.29	16.31	16.48
	3RB-Middle (1)	1914.3 (26683)	16.17	16.26	16.35	16.42
		1882.5 (26365)	16.27	16.29	16.44	16.61
		1850.7 (26047)	16.19	16.25	16.38	16.42
	3RB-Low (0)	1914.3 (26683)	16.16	16.24	16.35	16.50
		1882.5 (26365)	16.28	16.19	16.43	16.48
		1850.7 (26047)	16.24	16.17	16.45	16.47
	6RB (0)	1914.3 (26683)	16.19	16.30	16.14	16.53
		1882.5 (26365)	16.31	16.33	16.31	16.34
		1850.7 (26047)	16.24	16.30	16.26	16.23
3MHz	1RB-High (14)	1913.5 (26675)	16.18	16.42	16.41	16.28
		1882.5 (26365)	16.29	16.35	16.48	16.51
		1851.5 (26055)	16.30	16.51	16.40	16.29
	1RB-Middle (7)	1913.5 (26675)	16.31	16.22	16.31	16.34
		1882.5 (26365)	16.29	16.42	16.51	16.55
		1851.5 (26055)	16.15	16.33	16.31	16.47
	1RB-Low (0)	1913.5 (26675)	16.27	16.57	16.33	16.58
		1882.5 (26365)	16.33	16.50	16.35	16.45
		1851.5 (26055)	16.34	16.56	16.39	16.51
	8RB-High (7)	1913.5 (26675)	16.25	16.35	16.31	16.39
		1882.5 (26365)	16.30	16.36	16.26	16.50
		1851.5 (26055)	16.28	16.38	16.29	16.45
	8RB-Middle (4)	1913.5 (26675)	16.28	16.29	16.27	16.60
		1882.5 (26365)	16.31	16.33	16.33	16.22
		1851.5 (26055)	16.28	16.36	16.35	16.61
	8RB-Low (0)	1913.5 (26675)	16.30	16.33	16.31	16.38
		1882.5 (26365)	16.29	16.35	16.31	16.56
		1851.5 (26055)	16.31	16.31	16.30	16.56
	15RB (0)	1913.5 (26675)	16.27	16.28	16.26	16.22
		1882.5 (26365)	16.33	16.32	16.34	16.40
		1851.5 (26055)	16.31	16.26	16.31	16.57

5MHz	1RB-High (24)	1912.5 (26665)	16.24	16.53	16.41	16.21
		1882.5 (26365)	16.35	16.54	16.49	16.65
		1852.5 (26065)	16.35	16.52	16.46	16.62
	1RB-Middle (12)	1912.5 (26665)	16.29	16.51	16.46	16.50
		1882.5 (26365)	16.42	16.54	16.45	16.25
		1852.5 (26065)	16.25	16.55	16.49	16.44
	1RB-Low (0)	1912.5 (26665)	16.30	16.60	16.54	16.21
		1882.5 (26365)	16.31	16.56	16.54	16.62
		1852.5 (26065)	16.38	16.64	16.49	16.34
	12RB-High (13)	1912.5 (26665)	16.31	16.36	16.39	16.62
		1882.5 (26365)	16.37	16.38	16.41	16.38
		1852.5 (26065)	16.34	16.36	16.38	16.63
	12RB-Middle (6)	1912.5 (26665)	16.31	16.33	16.37	16.23
		1882.5 (26365)	16.31	16.30	16.39	16.42
		1852.5 (26065)	16.29	16.29	16.36	16.44
	12RB-Low (0)	1912.5 (26665)	16.35	16.34	16.36	16.53
		1882.5 (26365)	16.36	16.38	16.45	16.48
		1852.5 (26065)	16.34	16.37	16.39	16.40
	25RB (0)	1912.5 (26665)	16.32	16.33	16.32	16.63
		1882.5 (26365)	16.39	16.39	16.33	16.43
		1852.5 (26065)	16.33	16.34	16.34	16.54
10MHz	1RB-High (49)	1910 (26640)	16.30	16.64	16.36	16.59
		1882.5 (26365)	16.35	16.46	16.43	16.50
		1855 (26090)	16.47	16.65	16.62	16.26
	1RB-Middle (24)	1910 (26640)	16.33	16.44	16.44	16.46
		1882.5 (26365)	16.35	16.50	16.44	16.40
		1855 (26090)	16.25	16.47	16.46	16.30
	1RB-Low (0)	1910 (26640)	16.37	16.60	16.55	16.31
		1882.5 (26365)	16.35	16.51	16.53	16.25
		1855 (26090)	16.39	16.53	16.49	16.32
	25RB-High (25)	1910 (26640)	16.36	16.39	16.33	16.48
		1882.5 (26365)	16.41	16.39	16.36	16.20
		1855 (26090)	16.39	16.40	16.41	16.40
	25RB-Middle (12)	1910 (26640)	16.35	16.34	16.31	16.31
		1882.5 (26365)	16.36	16.34	16.37	16.51
		1855 (26090)	16.29	16.36	16.32	16.33
	25RB-Low (0)	1910 (26640)	16.36	16.38	16.38	16.36
		1882.5 (26365)	16.35	16.36	16.35	16.57
		1855 (26090)	16.29	16.29	16.30	16.51
	50RB (0)	1910 (26640)	16.38	16.34	16.40	16.54
		1882.5 (26365)	16.41	16.37	16.39	16.55
		1855 (26090)	16.34	16.35	16.41	16.44

15MHz	1RB-High (74)	1907.5 (26615)	16.42	16.46	16.45	16.33
		1882.5 (26365)	16.36	16.49	16.42	16.38
		1857.5 (26115)	16.55	16.65	16.64	16.58
	1RB-Middle (37)	1907.5 (26615)	16.35	16.65	16.51	16.65
		1882.5 (26365)	16.45	16.65	16.58	16.50
		1857.5 (26115)	16.34	16.54	16.48	16.32
	1RB-Low (0)	1907.5 (26615)	16.48	16.70	16.56	16.65
		1882.5 (26365)	16.39	16.58	16.51	16.33
		1857.5 (26115)	16.36	16.61	16.48	16.62
	36RB-High (38)	1907.5 (26615)	16.33	16.36	16.35	16.36
		1882.5 (26365)	16.36	16.36	16.38	16.27
		1857.5 (26115)	16.48	16.48	16.52	16.27
	36RB-Middle (19)	1907.5 (26615)	16.33	16.32	16.38	16.63
		1882.5 (26365)	16.29	16.34	16.33	16.23
		1857.5 (26115)	16.38	16.39	16.37	16.35
	36RB-Low (0)	1907.5 (26615)	16.41	16.46	16.44	16.34
		1882.5 (26365)	16.33	16.33	16.34	16.43
		1857.5 (26115)	16.29	16.29	16.31	16.24
	75RB (0)	1907.5 (26615)	16.39	16.42	16.40	16.20
		1882.5 (26365)	16.36	16.37	16.39	16.46
		1857.5 (26115)	16.38	16.40	16.45	16.58
20MHz	1RB-High (99)	1905 (26590)	16.21	16.44	16.31	16.65
		1882.5 (26365)	16.16	16.19	16.27	16.21
		1860 (26140)	16.37	16.63	16.62	16.60
	1RB-Middle (50)	1905 (26590)	16.41	16.28	16.26	16.42
		1882.5 (26365)	16.23	16.34	16.38	16.62
		1860 (26140)	16.28	16.47	16.43	16.24
	1RB-Low (0)	1905 (26590)	16.26	16.22	16.29	16.35
		1882.5 (26365)	16.39	16.51	16.52	16.61
		1860 (26140)	16.31	16.49	16.45	16.46
	50RB-High (50)	1905 (26590)	16.34	16.19	16.21	16.63
		1882.5 (26365)	16.28	16.21	16.22	16.22
		1860 (26140)	16.32	16.35	16.35	16.33
	50RB-Middle (25)	1905 (26590)	16.12	16.15	16.14	16.28
		1882.5 (26365)	16.19	16.19	16.23	16.30
		1860 (26140)	16.30	16.22	16.32	16.41
	50RB-Low (0)	1905 (26590)	16.24	16.25	16.28	16.62
		1882.5 (26365)	16.21	16.30	16.32	16.41
		1860 (26140)	16.24	16.23	16.23	16.58
	100RB (0)	1905 (26590)	16.23	16.21	16.23	16.27
		1882.5 (26365)	16.26	16.25	16.27	16.39
		1860 (26140)	16.28	16.24	16.29	16.44

LTE Band25(ANT6 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	13.75	13.81	13.70	13.48
		1882.5 (26365)	13.87	13.88	13.83	13.61
		1850.7 (26047)	13.79	13.78	13.77	13.43
	1RB-Middle (3)	1914.3 (26683)	13.69	13.74	13.68	13.45
		1882.5 (26365)	13.83	13.90	13.83	13.54
		1850.7 (26047)	13.77	13.76	13.68	13.42
	1RB-Low (0)	1914.3 (26683)	13.74	13.74	13.82	13.43
		1882.5 (26365)	13.86	13.99	13.85	13.46
		1850.7 (26047)	13.84	13.84	13.72	13.63
	3RB-High (3)	1914.3 (26683)	13.69	13.58	13.65	13.50
		1882.5 (26365)	13.80	13.67	13.76	13.54
		1850.7 (26047)	13.72	13.66	13.64	13.63
	3RB-Middle (1)	1914.3 (26683)	13.68	13.63	13.68	13.58
		1882.5 (26365)	13.76	13.66	13.75	13.74
		1850.7 (26047)	13.69	13.62	13.70	13.58
	3RB-Low (0)	1914.3 (26683)	13.67	13.62	13.68	13.65
		1882.5 (26365)	13.77	13.57	13.74	13.63
		1850.7 (26047)	13.74	13.56	13.76	13.62
	6RB (0)	1914.3 (26683)	13.69	13.67	13.50	13.67
		1882.5 (26365)	13.80	13.69	13.64	13.51
		1850.7 (26047)	13.74	13.67	13.60	13.42
3MHz	1RB-High (14)	1913.5 (26675)	13.69	13.77	13.73	13.46
		1882.5 (26365)	13.78	13.71	13.78	13.65
		1851.5 (26055)	13.79	13.84	13.72	13.47
	1RB-Middle (7)	1913.5 (26675)	13.80	13.60	13.64	13.51
		1882.5 (26365)	13.78	13.77	13.81	13.69
		1851.5 (26055)	13.66	13.69	13.64	13.62
	1RB-Low (0)	1913.5 (26675)	13.76	13.89	13.66	13.71
		1882.5 (26365)	13.81	13.83	13.68	13.60
		1851.5 (26055)	13.82	13.88	13.71	13.65
	8RB-High (7)	1913.5 (26675)	13.74	13.71	13.64	13.56
		1882.5 (26365)	13.79	13.72	13.60	13.65
		1851.5 (26055)	13.77	13.73	13.63	13.60
	8RB-Middle (4)	1913.5 (26675)	13.77	13.66	13.61	13.73
		1882.5 (26365)	13.80	13.69	13.66	13.41
		1851.5 (26055)	13.77	13.72	13.68	13.74
	8RB-Low (0)	1913.5 (26675)	13.79	13.69	13.64	13.55
		1882.5 (26365)	13.78	13.71	13.64	13.70
		1851.5 (26055)	13.80	13.68	13.63	13.70
	15RB (0)	1913.5 (26675)	13.76	13.65	13.60	13.41
		1882.5 (26365)	13.81	13.68	13.67	13.56
		1851.5 (26055)	13.80	13.63	13.64	13.70

5MHz	1RB-High (24)	1912.5 (26665)	13.74	13.86	13.73	13.41
		1882.5 (26365)	13.83	13.87	13.79	13.77
		1852.5 (26065)	13.83	13.85	13.77	13.75
	1RB-Middle (12)	1912.5 (26665)	13.78	13.84	13.77	13.65
		1882.5 (26365)	13.89	13.87	13.76	13.44
		1852.5 (26065)	13.74	13.88	13.79	13.60
	1RB-Low (0)	1912.5 (26665)	13.79	13.92	13.83	13.41
		1882.5 (26365)	13.80	13.88	13.83	13.75
		1852.5 (26065)	13.85	13.95	13.79	13.51
	12RB-High (13)	1912.5 (26665)	13.80	13.72	13.71	13.75
		1882.5 (26365)	13.85	13.73	13.73	13.55
		1852.5 (26065)	13.82	13.72	13.70	13.75
	12RB-Middle (6)	1912.5 (26665)	13.80	13.69	13.69	13.42
		1882.5 (26365)	13.80	13.67	13.71	13.58
		1852.5 (26065)	13.78	13.66	13.68	13.60
	12RB-Low (0)	1912.5 (26665)	13.83	13.70	13.68	13.67
		1882.5 (26365)	13.84	13.73	13.76	13.63
		1852.5 (26065)	13.82	13.73	13.71	13.56
	25RB (0)	1912.5 (26665)	13.80	13.69	13.65	13.75
		1882.5 (26365)	13.86	13.74	13.66	13.59
		1852.5 (26065)	13.81	13.70	13.67	13.68
10MHz	1RB-High (49)	1910 (26640)	13.79	13.95	13.68	13.72
		1882.5 (26365)	13.83	13.80	13.74	13.65
		1855 (26090)	13.93	13.96	13.90	13.45
	1RB-Middle (24)	1910 (26640)	13.81	13.78	13.75	13.61
		1882.5 (26365)	13.83	13.83	13.75	13.56
		1855 (26090)	13.74	13.81	13.77	13.48
	1RB-Low (0)	1910 (26640)	13.85	13.92	13.84	13.49
		1882.5 (26365)	13.83	13.84	13.83	13.44
		1855 (26090)	13.86	13.86	13.79	13.50
	25RB-High (25)	1910 (26640)	13.84	13.74	13.66	13.63
		1882.5 (26365)	13.88	13.74	13.68	13.40
		1855 (26090)	13.86	13.75	13.73	13.56
	25RB-Middle (12)	1910 (26640)	13.83	13.70	13.64	13.49
		1882.5 (26365)	13.84	13.70	13.69	13.65
		1855 (26090)	13.78	13.72	13.65	13.51
	25RB-Low (0)	1910 (26640)	13.84	13.73	13.70	13.53
		1882.5 (26365)	13.83	13.72	13.68	13.70
		1855 (26090)	13.78	13.66	13.63	13.65
	50RB (0)	1910 (26640)	13.85	13.70	13.72	13.68
		1882.5 (26365)	13.88	13.73	13.71	13.69
		1855 (26090)	13.82	13.71	13.73	13.60

15MHz	1RB-High (74)	1907.5 (26615)	13.89	13.80	13.76	13.51
		1882.5 (26365)	13.84	13.83	13.73	13.55
		1857.5 (26115)	14.00	13.96	13.92	13.71
	1RB-Middle (37)	1907.5 (26615)	13.83	13.96	13.81	13.77
		1882.5 (26365)	13.91	13.96	13.87	13.65
		1857.5 (26115)	13.82	13.87	13.78	13.50
	1RB-Low (0)	1907.5 (26615)	13.94	14.00	13.85	13.77
		1882.5 (26365)	13.86	13.90	13.81	13.51
		1857.5 (26115)	13.84	13.93	13.78	13.75
	36RB-High (38)	1907.5 (26615)	13.81	13.72	13.68	13.53
		1882.5 (26365)	13.84	13.72	13.70	13.46
		1857.5 (26115)	13.94	13.82	13.82	13.46
	36RB-Middle (19)	1907.5 (26615)	13.81	13.68	13.70	13.75
		1882.5 (26365)	13.78	13.70	13.66	13.42
		1857.5 (26115)	13.85	13.74	13.69	13.52
	36RB-Low (0)	1907.5 (26615)	13.88	13.80	13.75	13.51
		1882.5 (26365)	13.81	13.69	13.67	13.59
		1857.5 (26115)	13.78	13.66	13.64	13.43
	75RB (0)	1907.5 (26615)	13.86	13.77	13.72	13.40
		1882.5 (26365)	13.84	13.73	13.71	13.61
		1857.5 (26115)	13.85	13.75	13.76	13.71
20MHz	1RB-High (99)	1905 (26590)	13.60	13.79	13.80	13.77
		1882.5 (26365)	13.63	13.51	13.73	13.41
		1860 (26140)	13.57	13.90	13.90	13.73
	1RB-Middle (50)	1905 (26590)	13.88	13.65	13.60	13.58
		1882.5 (26365)	13.62	13.95	13.81	13.75
		1860 (26140)	13.69	14.02	13.87	13.43
	1RB-Low (0)	1905 (26590)	13.58	13.67	13.74	13.52
		1882.5 (26365)	13.74	13.86	13.98	13.74
		1860 (26140)	13.77	14.09	13.95	13.61
	50RB-High (50)	1905 (26590)	13.72	13.62	13.62	13.75
		1882.5 (26365)	13.64	13.63	13.62	13.41
		1860 (26140)	13.70	13.74	13.76	13.51
	50RB-Middle (25)	1905 (26590)	13.53	13.58	13.61	13.46
		1882.5 (26365)	13.62	13.61	13.64	13.48
		1860 (26140)	13.60	13.70	13.71	13.57
	50RB-Low (0)	1905 (26590)	13.66	13.66	13.70	13.75
		1882.5 (26365)	13.70	13.70	13.73	13.57
		1860 (26140)	13.63	13.59	13.66	13.71
	100RB (0)	1905 (26590)	13.63	13.62	13.62	13.46
		1882.5 (26365)	13.66	13.66	13.70	13.56
		1860 (26140)	13.67	13.72	13.70	13.60

LTE Band26(ANT0 ECI1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	22.47	22.67	21.69	18.75
		831.5 (26865)	22.53	22.72	21.66	18.75
		814.7 (26697)	22.66	22.87	21.86	18.69
	1RB-Middle (3)	848.3 (27033)	22.47	22.44	21.58	18.75
		831.5 (26865)	22.60	22.68	21.66	18.67
		814.7 (26697)	22.64	22.76	21.80	18.70
	1RB-Low (0)	848.3 (27033)	22.44	22.64	21.58	18.78
		831.5 (26865)	22.50	22.71	21.68	18.59
		814.7 (26697)	22.66	22.74	21.89	18.77
	3RB-High (3)	848.3 (27033)	22.43	22.39	21.61	18.48
		831.5 (26865)	22.44	22.42	21.59	18.71
		814.7 (26697)	22.62	22.48	21.76	18.79
	3RB-Middle (1)	848.3 (27033)	22.40	22.34	21.52	18.68
		831.5 (26865)	22.38	22.35	21.53	18.69
		814.7 (26697)	22.53	22.61	21.62	18.42
	3RB-Low (0)	848.3 (27033)	22.45	22.38	21.52	18.59
		831.5 (26865)	22.43	22.44	21.59	18.68
		814.7 (26697)	22.58	22.47	21.71	18.62
	6RB (0)	848.3 (27033)	22.45	21.47	20.46	18.61
		831.5 (26865)	22.43	21.47	20.51	18.70
		814.7 (26697)	22.55	21.66	20.65	18.71
3MHz	1RB-High (14)	847.5 (27025)	22.45	22.59	21.59	18.56
		831.5 (26865)	22.57	22.67	21.79	18.58
		815.5 (26705)	22.51	22.71	21.65	18.64
	1RB-Middle (7)	847.5 (27025)	22.40	22.63	21.58	18.68
		831.5 (26865)	22.30	22.73	21.65	18.60
		815.5 (26705)	22.40	22.69	21.69	18.65
	1RB-Low (0)	847.5 (27025)	22.38	22.65	21.68	18.50
		831.5 (26865)	22.57	22.80	21.68	18.64
		815.5 (26705)	22.58	22.83	21.62	18.63
	8RB-High (7)	847.5 (27025)	22.41	21.53	20.48	18.41
		831.5 (26865)	22.50	21.58	20.52	18.54
		815.5 (26705)	22.46	21.59	20.57	18.55
	8RB-Middle (4)	847.5 (27025)	22.35	21.46	20.44	18.56
		831.5 (26865)	22.46	21.52	20.51	18.67
		815.5 (26705)	22.44	21.54	20.52	18.77
	8RB-Low (0)	847.5 (27025)	22.42	21.50	20.47	18.49
		831.5 (26865)	22.49	21.54	20.51	18.48
		815.5 (26705)	22.51	21.60	20.58	18.80
	15RB (0)	847.5 (27025)	22.42	21.50	20.42	18.62
		831.5 (26865)	22.47	21.52	20.48	18.64
		815.5 (26705)	22.46	21.57	20.56	18.65

5MHz	1RB-High (24)	846.5 (27015)	22.65	22.68	21.78	18.40
		831.5 (26865)	22.45	22.67	21.78	18.42
		816.5 (26715)	22.63	22.82	21.89	18.41
	1RB-Middle (12)	846.5 (27015)	22.47	22.56	21.71	18.61
		831.5 (26865)	22.56	22.71	21.77	18.61
		816.5 (26715)	22.79	22.89	21.89	18.49
	1RB-Low (0)	846.5 (27015)	22.51	22.71	21.77	18.40
		831.5 (26865)	22.57	22.62	21.82	18.68
		816.5 (26715)	22.73	22.69	21.92	18.54
	12RB-High (13)	846.5 (27015)	22.46	21.49	20.57	18.61
		831.5 (26865)	22.52	21.57	20.58	18.67
		816.5 (26715)	22.70	21.80	20.75	18.68
	12RB-Middle (6)	846.5 (27015)	22.42	21.45	20.52	18.79
		831.5 (26865)	22.51	21.55	20.55	18.74
		816.5 (26715)	22.68	21.71	20.71	18.80
	12RB-Low (0)	846.5 (27015)	22.48	21.60	20.57	18.72
		831.5 (26865)	22.60	21.62	20.66	18.73
		816.5 (26715)	22.65	21.73	20.79	18.49
	25RB (0)	846.5 (27015)	22.54	21.59	20.55	18.61
		831.5 (26865)	22.57	21.60	20.59	18.57
		816.5 (26715)	22.75	21.77	20.75	18.41
10MHz	1RB-High (49)	844 (26990)	22.50	22.75	21.65	18.78
		831.5 (26865)	22.56	22.58	21.78	18.67
		820 (26750)	22.67	22.78	21.85	18.71
	1RB-Middle (24)	844 (26990)	22.53	22.64	21.70	18.65
		831.5 (26865)	22.64	22.61	21.76	18.76
		820 (26750)	22.80	22.86	21.94	18.66
	1RB-Low (0)	844 (26990)	22.55	22.78	21.76	18.46
		831.5 (26865)	22.59	22.81	21.75	18.54
		820 (26750)	22.72	22.89	21.92	18.61
	25RB-High (25)	844 (26990)	22.53	21.55	20.53	18.80
		831.5 (26865)	22.55	21.58	20.59	18.49
		820 (26750)	22.68	21.72	20.72	18.42
	25RB-Middle (12)	844 (26990)	22.52	21.52	20.50	18.55
		831.5 (26865)	22.52	21.56	20.59	18.49
		820 (26750)	22.70	21.75	20.78	18.41
	25RB-Low (0)	844 (26990)	22.55	21.63	20.61	18.76
		831.5 (26865)	22.61	21.68	20.67	18.53
		820 (26750)	22.73	21.74	20.77	18.72
	50RB (0)	844 (26990)	22.53	21.59	20.60	18.63
		831.5 (26865)	22.59	21.64	20.63	18.64
		820 (26750)	22.64	21.72	20.74	18.68

15MHz	1RB-High (74)	841.5 (26965)	22.47	22.71	21.61	18.50
		831.5 (26865)	22.49	22.60	21.56	18.57
		822.5 (26775)	22.56	22.57	21.77	18.61
	1RB-Middle (37)	841.5 (26965)	22.46	22.55	21.60	18.66
		831.5 (26865)	22.55	22.81	21.73	18.80
		822.5 (26775)	22.63	22.79	21.70	18.67
	1RB-Low (0)	841.5 (26965)	22.69	22.71	21.76	18.75
		831.5 (26865)	22.62	22.73	21.66	18.53
		822.5 (26775)	22.73	22.97	21.82	18.40
	36RB-High (38)	841.5 (26965)	22.49	21.50	20.52	18.47
		831.5 (26865)	22.44	21.50	20.52	18.63
		822.5 (26775)	22.61	21.58	20.61	18.58
	36RB-Middle (19)	841.5 (26965)	22.47	21.51	20.50	18.44
		831.5 (26865)	22.44	21.55	20.55	18.45
		822.5 (26775)	22.60	21.64	20.66	18.69
	36RB-Low (0)	841.5 (26965)	22.56	21.50	20.51	18.48
		831.5 (26865)	22.62	21.58	20.61	18.73
		822.5 (26775)	22.68	21.76	20.74	18.53
	75RB (0)	841.5 (26965)	22.48	21.56	20.53	18.60
		831.5 (26865)	22.51	21.61	20.59	18.58
		822.5 (26775)	22.65	21.70	20.70	18.40

LTE Band26(ANT0 ECI4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	21.50	21.59	21.65	18.62
		831.5 (26865)	21.54	21.47	21.63	18.63
		814.7 (26697)	21.68	21.70	21.81	18.80
	1RB-Middle (3)	848.3 (27033)	21.48	21.53	21.53	18.77
		831.5 (26865)	21.41	21.48	21.57	18.94
		814.7 (26697)	21.68	21.65	21.72	18.79
	1RB-Low (0)	848.3 (27033)	21.49	21.55	21.52	18.89
		831.5 (26865)	21.51	21.56	21.69	18.63
		814.7 (26697)	21.66	21.66	21.76	18.84
	3RB-High (3)	848.3 (27033)	21.44	21.26	21.53	18.82
		831.5 (26865)	21.44	21.29	21.49	18.84
		814.7 (26697)	21.63	21.41	21.62	18.72
	3RB-Middle (1)	848.3 (27033)	21.37	21.31	21.42	18.64
		831.5 (26865)	21.37	21.21	21.43	18.59
		814.7 (26697)	21.55	21.40	21.58	18.71
	3RB-Low (0)	848.3 (27033)	21.40	21.33	21.45	18.89
		831.5 (26865)	21.43	21.19	21.47	18.74
		814.7 (26697)	21.55	21.46	21.67	18.91
	6RB (0)	848.3 (27033)	21.45	21.40	20.46	18.64
		831.5 (26865)	21.47	21.42	20.38	18.64
		814.7 (26697)	21.60	21.53	20.63	18.57
3MHz	1RB-High (14)	847.5 (27025)	21.46	21.63	21.50	18.92
		831.5 (26865)	21.50	21.62	21.56	18.56
		815.5 (26705)	21.56	21.50	21.59	18.86
	1RB-Middle (7)	847.5 (27025)	21.35	21.53	21.56	18.58
		831.5 (26865)	21.53	21.66	21.74	18.72
		815.5 (26705)	21.65	21.64	21.69	18.91
	1RB-Low (0)	847.5 (27025)	21.35	21.56	21.45	18.77
		831.5 (26865)	21.60	21.62	21.78	18.66
		815.5 (26705)	21.57	21.61	21.76	18.66
	8RB-High (7)	847.5 (27025)	21.41	21.36	20.43	18.71
		831.5 (26865)	21.46	21.42	20.43	18.58
		815.5 (26705)	21.47	21.41	20.48	18.65
	8RB-Middle (4)	847.5 (27025)	21.39	21.31	20.42	18.57
		831.5 (26865)	21.47	21.39	20.40	18.81
		815.5 (26705)	21.48	21.39	20.48	18.74
	8RB-Low (0)	847.5 (27025)	21.43	21.36	20.38	18.77
		831.5 (26865)	21.46	21.46	20.50	18.91
		815.5 (26705)	21.52	21.47	20.52	18.91
	15RB (0)	847.5 (27025)	21.40	21.30	20.39	18.70
		831.5 (26865)	21.49	21.41	20.48	18.72
		815.5 (26705)	21.54	21.41	20.45	18.81

5MHz	1RB-High (24)	846.5 (27015)	21.55	21.66	21.63	18.89
		831.5 (26865)	21.55	21.70	21.70	18.85
		816.5 (26715)	21.85	21.68	21.81	18.87
	1RB-Middle (12)	846.5 (27015)	21.36	21.46	21.49	18.60
		831.5 (26865)	21.51	21.53	21.78	18.69
		816.5 (26715)	21.77	21.75	21.79	18.70
	1RB-Low (0)	846.5 (27015)	21.52	21.64	21.61	18.67
		831.5 (26865)	21.58	21.73	21.68	18.80
		816.5 (26715)	21.79	21.78	21.90	18.70
	12RB-High (13)	846.5 (27015)	21.41	21.34	20.49	18.65
		831.5 (26865)	21.52	21.40	20.57	18.60
		816.5 (26715)	21.72	21.55	20.76	18.72
	12RB-Middle (6)	846.5 (27015)	21.40	21.30	20.43	18.57
		831.5 (26865)	21.48	21.35	20.52	18.71
		816.5 (26715)	21.68	21.49	20.68	18.57
	12RB-Low (0)	846.5 (27015)	21.51	21.37	20.50	18.76
		831.5 (26865)	21.59	21.49	20.64	18.79
		816.5 (26715)	21.65	21.55	20.72	18.88
	25RB (0)	846.5 (27015)	21.53	21.39	20.49	18.72
		831.5 (26865)	21.60	21.46	20.55	18.90
		816.5 (26715)	21.75	21.60	20.70	18.79
10MHz	1RB-High (49)	844 (26990)	21.63	21.61	21.61	18.76
		831.5 (26865)	21.58	21.64	21.62	18.55
		820 (26750)	21.86	21.74	21.73	18.90
	1RB-Middle (24)	844 (26990)	21.57	21.65	21.55	18.81
		831.5 (26865)	21.54	21.66	21.55	18.83
		820 (26750)	21.76	21.80	21.84	18.87
	1RB-Low (0)	844 (26990)	21.60	21.57	21.55	18.76
		831.5 (26865)	21.64	21.61	21.64	18.66
		820 (26750)	21.80	21.88	21.91	18.86
	25RB-High (25)	844 (26990)	21.51	21.37	20.47	18.73
		831.5 (26865)	21.57	21.46	20.51	18.93
		820 (26750)	21.76	21.60	20.66	18.69
	25RB-Middle (12)	844 (26990)	21.53	21.36	20.48	18.74
		831.5 (26865)	21.57	21.42	20.52	18.61
		820 (26750)	21.76	21.63	20.69	18.68
	25RB-Low (0)	844 (26990)	21.60	21.44	20.53	18.91
		831.5 (26865)	21.63	21.51	20.59	18.88
		820 (26750)	21.76	21.60	20.72	18.83
	50RB (0)	844 (26990)	21.57	21.40	20.51	18.69
		831.5 (26865)	21.66	21.47	20.57	18.66
		820 (26750)	21.71	21.60	20.69	18.60

15MHz	1RB-High (74)	841.5 (26965)	21.48	21.66	21.57	18.85
		831.5 (26865)	21.49	21.76	21.62	18.59
		822.5 (26775)	21.49	21.76	21.62	18.76
	1RB-Middle (37)	841.5 (26965)	21.46	21.53	21.53	18.92
		831.5 (26865)	21.60	21.61	21.62	18.70
		822.5 (26775)	21.71	21.65	21.71	18.63
	1RB-Low (0)	841.5 (26965)	21.62	21.63	21.74	18.68
		831.5 (26865)	21.60	21.68	21.73	18.83
		822.5 (26775)	21.73	21.84	21.88	18.70
	36RB-High (38)	841.5 (26965)	21.39	21.44	20.46	18.60
		831.5 (26865)	21.43	21.43	20.51	18.64
		822.5 (26775)	21.48	21.49	20.56	18.92
	36RB-Middle (19)	841.5 (26965)	21.39	21.37	20.49	18.85
		831.5 (26865)	21.41	21.43	20.50	18.55
		822.5 (26775)	21.56	21.56	20.63	18.70
	36RB-Low (0)	841.5 (26965)	21.41	21.42	20.52	18.73
		831.5 (26865)	21.48	21.51	20.60	18.59
		822.5 (26775)	21.72	21.69	20.74	18.75
	75RB (0)	841.5 (26965)	21.46	21.44	20.50	18.73
		831.5 (26865)	21.46	21.51	20.55	18.55
		822.5 (26775)	21.57	21.60	20.67	18.61

LTE Band26(ANT0 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	20.40	20.62	20.62	18.61
		831.5 (26865)	20.44	20.51	20.60	18.93
		814.7 (26697)	20.57	20.73	20.78	18.75
	1RB-Middle (3)	848.3 (27033)	20.38	20.57	20.51	18.87
		831.5 (26865)	20.32	20.52	20.55	18.89
		814.7 (26697)	20.57	20.68	20.69	18.82
	1RB-Low (0)	848.3 (27033)	20.39	20.58	20.50	18.68
		831.5 (26865)	20.41	20.59	20.66	18.62
		814.7 (26697)	20.55	20.69	20.73	18.93
	3RB-High (3)	848.3 (27033)	20.34	20.31	20.51	18.73
		831.5 (26865)	20.34	20.34	20.47	18.79
		814.7 (26697)	20.52	20.45	20.59	18.94
	3RB-Middle (1)	848.3 (27033)	20.28	20.36	20.40	18.80
		831.5 (26865)	20.28	20.26	20.41	18.85
		814.7 (26697)	20.45	20.44	20.56	18.70
	3RB-Low (0)	848.3 (27033)	20.31	20.37	20.43	18.75
		831.5 (26865)	20.33	20.24	20.45	18.65
		814.7 (26697)	20.45	20.50	20.64	18.67
	6RB (0)	848.3 (27033)	20.35	20.44	20.39	18.89
		831.5 (26865)	20.37	20.46	20.32	18.63
		814.7 (26697)	20.50	20.57	20.56	18.61
3MHz	1RB-High (14)	847.5 (27025)	20.36	20.66	20.48	18.65
		831.5 (26865)	20.40	20.65	20.54	18.61
		815.5 (26705)	20.46	20.54	20.57	18.78
	1RB-Middle (7)	847.5 (27025)	20.26	20.57	20.54	18.86
		831.5 (26865)	20.43	20.69	20.71	18.58
		815.5 (26705)	20.54	20.67	20.66	18.68
	1RB-Low (0)	847.5 (27025)	20.26	20.59	20.43	18.57
		831.5 (26865)	20.50	20.65	20.75	18.60
		815.5 (26705)	20.47	20.64	20.73	18.61
	8RB-High (7)	847.5 (27025)	20.32	20.40	20.37	18.91
		831.5 (26865)	20.36	20.46	20.37	18.67
		815.5 (26705)	20.37	20.45	20.41	18.95
	8RB-Middle (4)	847.5 (27025)	20.30	20.36	20.36	18.76
		831.5 (26865)	20.37	20.43	20.34	18.72
		815.5 (26705)	20.38	20.43	20.41	18.82
	8RB-Low (0)	847.5 (27025)	20.33	20.40	20.32	18.71
		831.5 (26865)	20.36	20.50	20.43	18.90
		815.5 (26705)	20.42	20.51	20.45	18.79
	15RB (0)	847.5 (27025)	20.31	20.35	20.33	18.72
		831.5 (26865)	20.39	20.45	20.41	18.78
		815.5 (26705)	20.44	20.45	20.38	18.74

5MHz	1RB-High (24)	846.5 (27015)	20.45	20.69	20.60	18.79
		831.5 (26865)	20.45	20.73	20.67	18.94
		816.5 (26715)	20.73	20.71	20.78	18.67
	1RB-Middle (12)	846.5 (27015)	20.27	20.50	20.47	18.95
		831.5 (26865)	20.41	20.57	20.75	18.81
		816.5 (26715)	20.66	20.78	20.76	18.74
	1RB-Low (0)	846.5 (27015)	20.42	20.67	20.58	18.93
		831.5 (26865)	20.48	20.76	20.65	18.78
		816.5 (26715)	20.68	20.80	20.86	18.94
	12RB-High (13)	846.5 (27015)	20.32	20.38	20.42	18.56
		831.5 (26865)	20.42	20.44	20.50	18.61
		816.5 (26715)	20.61	20.58	20.68	18.68
	12RB-Middle (6)	846.5 (27015)	20.31	20.35	20.37	18.71
		831.5 (26865)	20.38	20.39	20.45	18.93
		816.5 (26715)	20.57	20.53	20.60	18.78
	12RB-Low (0)	846.5 (27015)	20.41	20.41	20.43	18.78
		831.5 (26865)	20.49	20.53	20.57	18.75
		816.5 (26715)	20.54	20.58	20.64	18.75
	25RB (0)	846.5 (27015)	20.43	20.43	20.42	18.62
		831.5 (26865)	20.50	20.50	20.48	18.63
		816.5 (26715)	20.64	20.63	20.62	18.91
10MHz	1RB-High (49)	844 (26990)	20.52	20.64	20.58	18.65
		831.5 (26865)	20.48	20.67	20.59	18.95
		820 (26750)	20.74	20.77	20.70	18.94
	1RB-Middle (24)	844 (26990)	20.47	20.68	20.53	18.67
		831.5 (26865)	20.44	20.69	20.53	18.85
		820 (26750)	20.65	20.82	20.80	18.73
	1RB-Low (0)	844 (26990)	20.50	20.60	20.53	18.70
		831.5 (26865)	20.53	20.64	20.61	18.59
		820 (26750)	20.69	20.90	20.87	18.57
	25RB-High (25)	844 (26990)	20.41	20.41	20.40	18.79
		831.5 (26865)	20.47	20.50	20.44	18.91
		820 (26750)	20.65	20.63	20.58	18.64
	25RB-Middle (12)	844 (26990)	20.43	20.40	20.41	18.57
		831.5 (26865)	20.47	20.46	20.45	18.73
		820 (26750)	20.65	20.66	20.61	18.75
	25RB-Low (0)	844 (26990)	20.50	20.48	20.46	18.71
		831.5 (26865)	20.52	20.55	20.52	18.73
		820 (26750)	20.65	20.63	20.64	18.95
	50RB (0)	844 (26990)	20.47	20.44	20.44	18.92
		831.5 (26865)	20.55	20.51	20.50	18.65
		820 (26750)	20.60	20.63	20.61	18.59

15MHz	1RB-High (74)	841.5 (26965)	20.42	20.51	20.54	18.81
		831.5 (26865)	20.38	20.46	20.47	18.78
		822.5 (26775)	20.51	20.60	20.59	18.80
	1RB-Middle (37)	841.5 (26965)	20.37	20.49	20.47	18.56
		831.5 (26865)	20.43	20.55	20.52	18.55
		822.5 (26775)	20.60	20.68	20.68	18.87
	1RB-Low (0)	841.5 (26965)	20.45	20.72	20.58	18.61
		831.5 (26865)	20.54	20.63	20.66	18.79
		822.5 (26775)	20.64	20.85	20.68	18.60
	36RB-High (38)	841.5 (26965)	20.39	20.37	20.39	18.86
		831.5 (26865)	20.38	20.36	20.39	18.80
		822.5 (26775)	20.46	20.45	20.49	18.57
	36RB-Middle (19)	841.5 (26965)	20.36	20.37	20.38	18.63
		831.5 (26865)	20.37	20.42	20.39	18.72
		822.5 (26775)	20.50	20.54	20.53	18.77
	36RB-Low (0)	841.5 (26965)	20.37	20.40	20.41	18.74
		831.5 (26865)	20.46	20.43	20.49	18.82
		822.5 (26775)	20.61	20.63	20.62	18.65
	75RB (0)	841.5 (26965)	20.41	20.41	20.44	18.64
		831.5 (26865)	20.45	20.49	20.49	18.85
		822.5 (26775)	20.54	20.59	20.59	18.63

LTE Band26(ANT1 ECI1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	23.31	23.26	22.30	19.65
		831.5 (26865)	24.11	23.37	22.45	19.70
		814.7 (26697)	24.34	23.55	22.59	19.62
	1RB-Middle (3)	848.3 (27033)	23.34	23.15	22.17	19.50
		831.5 (26865)	24.12	23.35	22.39	19.78
		814.7 (26697)	24.18	23.41	22.48	19.43
	1RB-Low (0)	848.3 (27033)	23.32	23.30	22.28	19.40
		831.5 (26865)	24.19	23.33	22.43	19.61
		814.7 (26697)	24.26	23.53	22.57	19.84
	3RB-High (3)	848.3 (27033)	24.28	22.94	22.13	19.68
		831.5 (26865)	24.08	23.14	22.24	19.44
		814.7 (26697)	24.17	23.22	22.40	19.71
	3RB-Middle (1)	848.3 (27033)	24.33	23.05	22.14	19.75
		831.5 (26865)	24.07	23.11	22.25	19.81
		814.7 (26697)	24.18	23.25	22.45	19.80
	3RB-Low (0)	848.3 (27033)	24.23	23.06	22.11	19.85
		831.5 (26865)	24.12	23.16	22.24	19.80
		814.7 (26697)	24.18	23.25	22.45	19.46
	6RB (0)	848.3 (27033)	23.35	22.13	21.06	19.50
		831.5 (26865)	23.16	22.27	21.15	19.72
		814.7 (26697)	23.23	22.40	21.24	19.58
3MHz	1RB-High (14)	847.5 (27025)	23.32	23.19	22.19	19.53
		831.5 (26865)	24.21	23.35	22.32	19.54
		815.5 (26705)	23.32	22.31	21.34	19.63
	1RB-Middle (7)	847.5 (27025)	23.32	23.36	22.12	19.78
		831.5 (26865)	24.11	23.48	22.28	19.67
		815.5 (26705)	23.33	22.28	21.30	19.84
	1RB-Low (0)	847.5 (27025)	23.32	23.25	22.31	19.84
		831.5 (26865)	24.15	23.49	22.38	19.82
		815.5 (26705)	23.29	22.32	21.28	19.58
	8RB-High (7)	847.5 (27025)	23.27	22.13	21.03	19.76
		831.5 (26865)	23.18	22.28	21.18	19.53
		815.5 (26705)	23.19	22.28	21.28	19.82
	8RB-Middle (4)	847.5 (27025)	23.31	22.10	21.08	19.50
		831.5 (26865)	23.14	22.19	21.17	19.62
		815.5 (26705)	23.18	22.30	21.25	19.43
	8RB-Low (0)	847.5 (27025)	23.23	22.18	21.17	19.40
		831.5 (26865)	23.22	22.27	21.24	19.77
		815.5 (26705)	23.24	22.42	21.25	19.78
	15RB (0)	847.5 (27025)	23.34	22.12	21.12	19.79
		831.5 (26865)	23.24	22.24	21.16	19.67
		815.5 (26705)	23.30	22.35	21.31	19.47

5MHz	1RB-High (24)	846.5 (27015)	23.35	23.31	22.20	19.42
		831.5 (26865)	24.20	23.32	22.45	19.58
		816.5 (26715)	24.33	23.45	22.40	19.51
	1RB-Middle (12)	846.5 (27015)	23.31	23.44	22.41	19.43
		831.5 (26865)	24.19	23.46	22.52	19.74
		816.5 (26715)	24.34	23.41	22.48	19.79
	1RB-Low (0)	846.5 (27015)	23.32	23.38	22.37	19.54
		831.5 (26865)	24.37	23.35	22.49	19.50
		816.5 (26715)	24.41	23.56	22.66	19.74
	12RB-High (13)	846.5 (27015)	23.19	22.10	21.17	19.65
		831.5 (26865)	23.25	22.22	21.29	19.51
		816.5 (26715)	23.34	22.31	21.39	19.77
	12RB-Middle (6)	846.5 (27015)	23.27	22.14	21.21	19.78
		831.5 (26865)	23.21	22.22	21.26	19.52
		816.5 (26715)	23.29	22.29	21.32	19.57
	12RB-Low (0)	846.5 (27015)	23.30	22.25	21.31	19.70
		831.5 (26865)	23.30	22.27	21.37	19.61
		816.5 (26715)	23.34	22.39	21.41	19.72
	25RB (0)	846.5 (27015)	23.38	22.23	21.16	19.48
		831.5 (26865)	23.30	22.30	21.27	19.80
		816.5 (26715)	23.33	22.33	21.34	19.61
10MHz	1RB-High (49)	844 (26990)	24.11	23.37	22.24	19.67
		831.5 (26865)	24.22	23.46	22.42	19.79
		820 (26750)	24.36	23.48	22.55	19.52
	1RB-Middle (24)	844 (26990)	24.12	23.26	22.37	19.44
		831.5 (26865)	24.18	23.47	22.45	19.78
		820 (26750)	24.30	23.36	22.50	19.83
	1RB-Low (0)	844 (26990)	24.36	23.44	22.38	19.81
		831.5 (26865)	24.29	23.50	22.48	19.52
		820 (26750)	24.32	23.52	22.49	19.76
	25RB-High (25)	844 (26990)	23.17	22.21	21.18	19.53
		831.5 (26865)	23.27	22.26	21.30	19.45
		820 (26750)	23.36	22.34	21.36	19.82
	25RB-Middle (12)	844 (26990)	23.18	22.20	21.19	19.56
		831.5 (26865)	23.25	22.25	21.27	19.67
		820 (26750)	23.32	22.34	21.35	19.40
	25RB-Low (0)	844 (26990)	23.25	22.23	21.25	19.47
		831.5 (26865)	23.34	22.33	21.33	19.62
		820 (26750)	23.33	22.30	21.34	19.62
	50RB (0)	844 (26990)	23.22	22.24	21.23	19.81
		831.5 (26865)	23.33	22.33	21.31	19.85
		820 (26750)	23.32	22.35	21.37	19.42

15MHz	1RB-High (74)	841.5 (26965)	23.79	23.11	22.01	19.43
		831.5 (26865)	23.97	23.15	22.12	19.55
		822.5 (26775)	24.03	23.32	22.20	19.62
	1RB-Middle (37)	841.5 (26965)	23.82	23.05	22.06	19.50
		831.5 (26865)	23.84	23.22	22.11	19.54
		822.5 (26775)	24.11	23.39	22.25	19.66
	1RB-Low (0)	841.5 (26965)	24.03	23.20	22.19	19.61
		831.5 (26865)	24.27	23.31	22.26	19.67
		822.5 (26775)	24.15	23.41	22.41	19.81
	36RB-High (38)	841.5 (26965)	22.89	21.91	20.92	19.28
		831.5 (26865)	22.93	21.94	21.01	19.36
		822.5 (26775)	23.03	21.99	21.06	19.41
	36RB-Middle (19)	841.5 (26965)	22.98	21.89	20.91	19.27
		831.5 (26865)	23.04	21.95	21.01	19.36
		822.5 (26775)	23.12	22.09	21.12	19.46
	36RB-Low (0)	841.5 (26965)	22.86	21.99	20.99	19.34
		831.5 (26865)	22.91	22.08	21.08	19.42
		822.5 (26775)	23.07	22.12	21.16	19.50
	75RB (0)	841.5 (26965)	22.91	21.94	20.95	19.30
		831.5 (26865)	23.01	22.06	21.04	19.39
		822.5 (26775)	23.09	22.11	21.12	19.46

LTE Band38(ANT5 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	
5MHz	1RB-High (24)	2617.5 (38225)	19.79	19.86	19.46	18.68
		2595 (38000)	19.85	19.91	19.52	18.71
		2572.5 (37775)	19.88	19.98	19.54	18.68
	1RB-Middle (12)	2617.5 (38225)	19.82	19.84	19.47	18.55
		2595 (38000)	19.93	19.93	19.59	18.60
		2572.5 (37775)	19.81	19.82	19.44	18.66
	1RB-Low (0)	2617.5 (38225)	19.86	19.91	19.53	18.61
		2595 (38000)	19.93	20.02	19.58	18.73
		2572.5 (37775)	19.82	19.88	19.45	18.63
	12RB-High (13)	2617.5 (38225)	19.75	19.73	19.83	18.77
		2595 (38000)	19.79	19.79	19.86	18.59
		2572.5 (37775)	19.85	19.82	19.89	18.68
	12RB-Middle (6)	2617.5 (38225)	19.77	19.73	19.83	18.79
		2595 (38000)	19.79	19.76	19.85	18.76
		2572.5 (37775)	19.76	19.73	19.82	18.59
	12RB-Low (0)	2617.5 (38225)	19.85	19.81	19.91	18.73
		2595 (38000)	19.88	19.83	19.95	18.68
		2572.5 (37775)	19.78	19.77	19.86	18.71
	25RB (0)	2617.5 (38225)	19.81	19.81	19.86	18.59
		2595 (38000)	19.85	19.84	19.88	18.78
		2572.5 (37775)	19.86	19.83	19.90	18.65
10MHz	1RB-High (49)	2615 (38200)	19.80	19.88	19.48	18.74
		2595 (38000)	19.86	19.95	19.52	18.73
		2575 (37800)	19.91	20.02	19.58	18.56
	1RB-Middle (24)	2615 (38200)	19.78	19.86	19.44	18.73
		2595 (38000)	19.84	19.94	19.49	18.57
		2575 (37800)	19.91	19.94	19.50	18.78
	1RB-Low (0)	2615 (38200)	19.89	20.01	19.56	18.70
		2595 (38000)	19.93	20.02	19.61	18.56
		2575 (37800)	19.89	19.97	19.55	18.72
	25RB-High (25)	2615 (38200)	19.79	19.79	19.85	18.61
		2595 (38000)	19.83	19.82	19.88	18.75
		2575 (37800)	19.90	19.89	19.96	18.78
	25RB-Middle (12)	2615 (38200)	19.78	19.79	19.86	18.56
		2595 (38000)	19.83	19.85	19.89	18.72
		2575 (37800)	19.86	19.87	19.89	18.62
	25RB-Low (0)	2615 (38200)	19.83	19.84	19.89	18.56
		2595 (38000)	19.93	19.90	19.95	18.63
		2575 (37800)	19.89	19.87	19.92	18.58
	50RB (0)	2615 (38200)	19.83	19.87	19.86	18.56
		2595 (38000)	19.88	19.89	19.89	18.55
		2575 (37800)	19.90	19.92	19.89	18.76

15MHz	1RB-High (74)	2612.5 (38175)	19.86	19.89	19.48	18.77
		2595 (38000)	19.88	19.94	19.51	18.80
		2577.5 (37825)	19.93	20.06	19.61	18.72
	1RB-Middle (37)	2612.5 (38175)	19.84	19.90	19.47	18.79
		2595 (38000)	19.91	19.97	19.57	18.55
		2577.5 (37825)	19.91	20.03	19.60	18.63
	1RB-Low (0)	2612.5 (38175)	19.86	19.94	19.52	18.57
		2595 (38000)	19.93	20.02	19.61	18.62
		2577.5 (37825)	19.97	20.06	19.61	18.70
	36RB-High (38)	2612.5 (38175)	19.82	19.79	19.79	18.63
		2595 (38000)	19.84	19.81	19.83	18.56
		2577.5 (37825)	19.84	19.84	19.85	18.61
	36RB-Middle (19)	2612.5 (38175)	19.80	19.77	19.79	18.59
		2595 (38000)	19.81	19.82	19.82	18.70
		2577.5 (37825)	19.84	19.87	19.87	18.70
	36RB-Low (0)	2612.5 (38175)	19.83	19.77	19.80	18.62
		2595 (38000)	19.91	19.88	19.91	18.75
		2577.5 (37825)	19.85	19.86	19.90	18.62
	75RB (0)	2612.5 (38175)	19.84	19.88	19.87	18.73
		2595 (38000)	19.86	19.92	19.94	18.73
		2577.5 (37825)	19.92	19.93	19.95	18.62
20MHz	1RB-High (99)	2610 (38150)	19.95	20.07	19.66	18.61
		2595 (38000)	19.96	20.06	19.62	18.58
		2580 (37850)	20.04	20.16	19.72	18.67
	1RB-Middle (50)	2610 (38150)	20.08	20.04	19.64	18.59
		2595 (38000)	20.10	20.13	19.73	18.68
		2580 (37850)	20.05	20.15	19.74	18.69
	1RB-Low (0)	2610 (38150)	20.14	20.20	19.77	18.72
		2595 (38000)	20.15	20.23	19.78	18.73
		2580 (37850)	20.11	20.21	19.79	18.74
	50RB-High (50)	2610 (38150)	19.97	20.06	20.06	18.79
		2595 (38000)	19.97	20.01	20.02	18.75
		2580 (37850)	20.00	20.05	20.06	18.79
	50RB-Middle (25)	2610 (38150)	20.02	20.01	20.03	18.76
		2595 (38000)	20.02	20.05	20.05	18.78
		2580 (37850)	20.07	20.11	20.13	18.86
	50RB-Low (0)	2610 (38150)	20.08	20.04	20.07	18.80
		2595 (38000)	20.12	20.12	20.14	18.87
		2580 (37850)	20.11	20.16	20.16	18.89
	100RB (0)	2610 (38150)	20.07	20.03	20.04	18.77
		2595 (38000)	20.06	20.09	20.08	18.81
		2580 (37850)	20.09	20.12	20.11	18.84

LTE Band38(ANT5 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	24.04	23.21	22.01	18.81
		2595 (38000)	24.09	23.23	21.99	18.80
		2572.5 (37775)	24.07	23.20	22.00	18.81
	1RB-Middle (12)	2617.5 (38225)	24.04	23.21	22.00	18.81
		2595 (38000)	24.12	23.27	22.01	18.81
		2572.5 (37775)	23.98	23.12	21.89	18.71
	1RB-Low (0)	2617.5 (38225)	24.10	23.28	22.08	18.87
		2595 (38000)	24.11	23.32	22.06	18.86
		2572.5 (37775)	24.00	23.16	21.93	18.75
	12RB-High (13)	2617.5 (38225)	23.02	22.03	21.06	18.54
		2595 (38000)	23.03	22.06	21.09	18.56
		2572.5 (37775)	23.03	22.02	21.08	18.55
	12RB-Middle (6)	2617.5 (38225)	22.99	22.04	21.06	18.54
		2595 (38000)	23.00	22.04	21.06	18.54
		2572.5 (37775)	22.90	21.94	20.99	18.48
	12RB-Low (0)	2617.5 (38225)	23.10	22.12	21.14	18.61
		2595 (38000)	23.07	22.13	21.18	18.64
		2572.5 (37775)	22.95	21.99	21.01	18.49
	25RB (0)	2617.5 (38225)	23.09	22.10	21.10	18.57
		2595 (38000)	23.03	22.10	21.10	18.57
		2572.5 (37775)	23.03	22.02	21.04	18.52
10MHz	1RB-High (49)	2615 (38200)	24.04	23.26	22.01	18.81
		2595 (38000)	24.09	23.24	22.02	18.82
		2575 (37800)	24.09	23.30	22.06	18.86
	1RB-Middle (24)	2615 (38200)	24.05	23.21	21.98	18.79
		2595 (38000)	24.07	23.23	22.02	18.82
		2575 (37800)	24.06	23.19	21.96	18.77
	1RB-Low (0)	2615 (38200)	24.15	23.34	22.11	18.90
		2595 (38000)	24.10	23.32	22.09	18.88
		2575 (37800)	24.05	23.24	22.01	18.81
	25RB-High (25)	2615 (38200)	23.03	22.05	21.12	18.59
		2595 (38000)	23.03	22.06	21.11	18.58
		2575 (37800)	23.04	22.10	21.15	18.62
	25RB-Middle (12)	2615 (38200)	23.04	22.05	21.10	18.57
		2595 (38000)	23.05	22.07	21.09	18.56
		2575 (37800)	23.03	22.04	21.07	18.55
	25RB-Low (0)	2615 (38200)	23.09	22.12	21.15	18.62
		2595 (38000)	23.08	22.12	21.16	18.62
		2575 (37800)	23.04	22.04	21.08	18.55
	50RB (0)	2615 (38200)	23.08	22.10	21.07	18.55
		2595 (38000)	23.05	22.10	21.04	18.52
		2575 (37800)	23.07	22.09	21.06	18.54

15MHz	1RB-High (74)	2612.5 (38175)	24.06	23.24	22.01	18.81
		2595 (38000)	24.06	23.25	22.01	18.81
		2577.5 (37825)	24.09	23.30	22.05	18.85
	1RB-Middle (37)	2612.5 (38175)	24.05	23.21	22.01	18.81
		2595 (38000)	24.09	23.28	22.05	18.85
		2577.5 (37825)	24.06	23.25	22.04	18.84
	1RB-Low (0)	2612.5 (38175)	24.10	23.27	22.01	18.81
		2595 (38000)	24.10	23.30	22.04	18.84
		2577.5 (37825)	24.06	23.26	22.02	18.82
	36RB-High (38)	2612.5 (38175)	23.03	22.04	21.04	18.52
		2595 (38000)	23.04	22.02	21.03	18.51
		2577.5 (37825)	22.99	22.01	21.02	18.50
	36RB-Middle (19)	2612.5 (38175)	23.01	22.00	21.02	18.50
		2595 (38000)	23.01	22.01	21.01	18.49
		2577.5 (37825)	22.99	22.00	21.01	18.49
	36RB-Low (0)	2612.5 (38175)	23.02	21.99	21.03	18.51
		2595 (38000)	23.10	22.09	21.08	18.55
		2577.5 (37825)	23.02	22.00	21.02	18.50
	75RB (0)	2612.5 (38175)	23.05	22.12	21.10	18.57
		2595 (38000)	23.08	22.13	21.10	18.57
		2577.5 (37825)	23.00	22.07	21.07	18.55
20MHz	1RB-High (99)	2610 (38150)	23.74	23.23	21.80	18.63
		2595 (38000)	23.67	23.18	21.76	18.60
		2580 (37850)	23.99	23.31	21.86	18.69
	1RB-Middle (50)	2610 (38150)	23.68	23.18	21.77	18.61
		2595 (38000)	23.95	23.27	21.83	18.66
		2580 (37850)	23.99	23.30	21.84	18.67
	1RB-Low (0)	2610 (38150)	23.83	23.35	21.90	18.72
		2595 (38000)	24.09	23.40	21.89	18.71
		2580 (37850)	24.07	23.34	21.93	18.75
	50RB-High (50)	2610 (38150)	23.18	22.20	21.20	18.66
		2595 (38000)	23.14	22.16	21.12	18.59
		2580 (37850)	23.18	22.20	21.19	18.65
	50RB-Middle (25)	2610 (38150)	23.16	22.16	21.16	18.62
		2595 (38000)	23.17	22.19	21.20	18.66
		2580 (37850)	23.27	22.26	21.25	18.70
	50RB-Low (0)	2610 (38150)	23.19	22.17	21.20	18.66
		2595 (38000)	23.32	22.30	21.28	18.73
		2580 (37850)	23.28	22.29	21.25	18.70
	100RB (0)	2610 (38150)	23.16	22.15	21.18	18.64
		2595 (38000)	23.22	22.21	21.24	18.70
		2580 (37850)	23.25	22.27	21.23	18.69

LTE Band38(ANT6 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	19.10	19.18	18.76	18.57
		2595 (38000)	19.10	19.18	18.74	18.74
		2572.5 (37775)	19.18	19.26	18.81	18.80
	1RB-Middle (12)	2617.5 (38225)	19.16	19.15	18.71	18.55
		2595 (38000)	19.34	19.23	18.77	18.76
		2572.5 (37775)	19.19	19.16	18.74	18.61
	1RB-Low (0)	2617.5 (38225)	19.14	19.21	18.79	18.81
		2595 (38000)	19.17	19.20	18.79	18.57
		2572.5 (37775)	19.06	19.14	18.77	18.83
	12RB-High (13)	2617.5 (38225)	19.06	19.03	19.13	18.65
		2595 (38000)	19.08	19.03	19.16	18.55
		2572.5 (37775)	19.09	19.09	19.14	18.73
	12RB-Middle (6)	2617.5 (38225)	19.04	19.01	19.05	18.59
		2595 (38000)	19.04	19.03	19.12	18.78
		2572.5 (37775)	19.05	19.04	19.11	18.83
	12RB-Low (0)	2617.5 (38225)	19.07	19.03	19.12	18.74
		2595 (38000)	19.13	19.09	19.17	18.60
		2572.5 (37775)	19.10	19.06	19.14	18.74
	25RB (0)	2617.5 (38225)	19.09	19.08	19.08	18.61
		2595 (38000)	19.14	19.12	19.16	18.85
		2572.5 (37775)	19.08	19.11	19.12	18.61
10MHz	1RB-High (49)	2615 (38200)	19.25	19.19	18.76	18.73
		2595 (38000)	19.12	19.21	18.77	18.57
		2575 (37800)	19.18	19.25	18.83	18.63
	1RB-Middle (24)	2615 (38200)	19.10	19.15	18.75	18.81
		2595 (38000)	19.18	19.23	18.78	18.63
		2575 (37800)	19.14	19.18	18.79	18.63
	1RB-Low (0)	2615 (38200)	19.22	19.31	18.88	18.83
		2595 (38000)	19.17	19.27	18.80	18.60
		2575 (37800)	19.11	19.23	18.84	18.64
	25RB-High (25)	2615 (38200)	19.08	19.06	19.09	18.85
		2595 (38000)	19.09	19.10	19.12	18.60
		2575 (37800)	19.11	19.10	19.16	18.61
	25RB-Middle (12)	2615 (38200)	19.08	19.08	19.14	18.65
		2595 (38000)	19.07	19.10	19.13	18.84
		2575 (37800)	19.10	19.12	19.15	18.64
	25RB-Low (0)	2615 (38200)	19.15	19.15	19.21	18.79
		2595 (38000)	19.13	19.15	19.15	18.82
		2575 (37800)	19.13	19.16	19.18	18.68
	50RB (0)	2615 (38200)	19.14	19.16	19.14	18.59
		2595 (38000)	19.12	19.17	19.15	18.65
		2575 (37800)	19.14	19.17	19.18	18.76

15MHz	1RB-High (74)	2612.5 (38175)	19.11	19.23	18.75	18.80
		2595 (38000)	19.14	19.26	18.81	18.63
		2577.5 (37825)	19.20	19.33	18.86	18.83
	1RB-Middle (37)	2612.5 (38175)	19.20	19.29	18.89	18.68
		2595 (38000)	19.16	19.40	18.89	18.68
		2577.5 (37825)	19.20	19.26	18.87	18.74
	1RB-Low (0)	2612.5 (38175)	19.23	19.29	18.91	18.67
		2595 (38000)	19.16	19.34	18.83	18.63
		2577.5 (37825)	19.19	19.33	18.88	18.67
	36RB-High (38)	2612.5 (38175)	19.07	19.10	19.10	18.82
		2595 (38000)	19.11	19.13	19.14	18.76
		2577.5 (37825)	19.13	19.13	19.12	18.56
	36RB-Middle (19)	2612.5 (38175)	19.12	19.13	19.15	18.63
		2595 (38000)	19.13	19.14	19.13	18.59
		2577.5 (37825)	19.12	19.15	19.17	18.72
	36RB-Low (0)	2612.5 (38175)	19.15	19.17	19.20	18.66
		2595 (38000)	19.14	19.15	19.19	18.67
		2577.5 (37825)	19.17	19.18	19.21	18.67
	75RB (0)	2612.5 (38175)	19.16	19.22	19.25	18.78
		2595 (38000)	19.16	19.20	19.22	18.65
		2577.5 (37825)	19.18	19.23	19.23	18.81
20MHz	1RB-High (99)	2610 (38150)	19.12	19.31	19.04	18.72
		2595 (38000)	19.03	19.28	19.05	18.65
		2580 (37850)	19.05	19.32	19.03	18.66
	1RB-Middle (50)	2610 (38150)	19.11	19.34	19.10	18.66
		2595 (38000)	19.15	19.38	19.13	18.75
		2580 (37850)	19.10	19.39	19.13	18.83
	1RB-Low (0)	2610 (38150)	19.15	19.41	19.14	18.57
		2595 (38000)	19.16	19.38	19.13	18.81
		2580 (37850)	19.13	19.39	19.09	18.69
	50RB-High (50)	2610 (38150)	19.14	19.15	19.13	18.64
		2595 (38000)	19.13	19.15	19.14	18.79
		2580 (37850)	19.12	19.17	19.16	18.58
	50RB-Middle (25)	2610 (38150)	19.17	19.18	19.18	18.72
		2595 (38000)	19.16	19.19	19.18	18.58
		2580 (37850)	19.14	19.19	19.19	18.80
	50RB-Low (0)	2610 (38150)	19.20	19.23	19.21	18.77
		2595 (38000)	19.25	19.19	19.22	18.85
		2580 (37850)	19.19	19.20	19.20	18.82
	100RB (0)	2610 (38150)	19.16	19.19	19.17	18.73
		2595 (38000)	19.15	19.19	19.19	18.82
		2580 (37850)	19.15	19.16	19.17	18.55

LTE Band38(ANT6 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	15.93	15.95	15.96	16.25
		2595 (38000)	15.80	16.01	15.98	15.91
		2572.5 (37775)	15.90	16.01	15.99	16.23
	1RB-Middle (12)	2617.5 (38225)	15.93	15.95	15.93	16.25
		2595 (38000)	15.79	15.92	15.97	16.13
		2572.5 (37775)	15.83	15.87	15.88	15.92
	1RB-Low (0)	2617.5 (38225)	15.92	16.04	16.04	15.97
		2595 (38000)	15.82	15.99	16.07	15.94
		2572.5 (37775)	15.71	15.84	15.82	16.16
	12RB-High (13)	2617.5 (38225)	15.86	15.84	15.93	16.22
		2595 (38000)	15.83	15.82	15.93	15.94
		2572.5 (37775)	15.80	15.78	15.87	15.94
	12RB-Middle (6)	2617.5 (38225)	15.85	15.79	15.88	15.88
		2595 (38000)	15.81	15.78	15.90	16.09
		2572.5 (37775)	15.76	15.75	15.83	16.07
	12RB-Low (0)	2617.5 (38225)	15.88	15.83	15.94	16.21
		2595 (38000)	15.84	15.85	15.92	16.24
		2572.5 (37775)	15.78	15.74	15.81	16.24
	25RB (0)	2617.5 (38225)	15.85	15.90	15.91	16.00
		2595 (38000)	15.83	15.88	15.89	16.04
		2572.5 (37775)	15.81	15.84	15.87	16.18
10MHz	1RB-High (49)	2615 (38200)	15.88	15.99	16.00	16.08
		2595 (38000)	15.86	15.97	15.93	15.95
		2575 (37800)	15.84	15.96	15.88	16.16
	1RB-Middle (24)	2615 (38200)	15.85	15.90	15.93	16.20
		2595 (38000)	15.79	15.94	15.92	16.22
		2575 (37800)	15.86	15.92	15.94	16.12
	1RB-Low (0)	2615 (38200)	16.02	16.10	16.08	16.08
		2595 (38000)	15.89	16.03	15.96	15.93
		2575 (37800)	15.77	15.92	15.93	16.22
	25RB-High (25)	2615 (38200)	15.84	15.87	15.86	15.93
		2595 (38000)	15.85	15.88	15.90	16.23
		2575 (37800)	15.80	15.80	15.86	15.89
	25RB-Middle (12)	2615 (38200)	15.86	15.88	15.89	16.16
		2595 (38000)	15.84	15.85	15.89	16.11
		2575 (37800)	15.84	15.85	15.87	16.21
	25RB-Low (0)	2615 (38200)	15.93	15.91	15.97	15.86
		2595 (38000)	15.88	15.87	15.91	15.94
		2575 (37800)	15.85	15.85	15.89	16.02
	50RB (0)	2615 (38200)	15.90	15.92	15.88	16.00
		2595 (38000)	15.87	15.92	15.89	16.14
		2575 (37800)	15.82	15.84	15.83	16.19

15MHz	1RB-High (74)	2612.5 (38175)	15.88	16.03	15.96	15.96
		2595 (38000)	15.77	15.94	15.94	15.98
		2577.5 (37825)	15.83	16.00	16.03	16.03
	1RB-Middle (37)	2612.5 (38175)	15.92	16.06	16.02	15.92
		2595 (38000)	15.88	16.13	16.06	16.00
		2577.5 (37825)	15.87	15.97	16.01	16.06
	1RB-Low (0)	2612.5 (38175)	15.91	16.01	16.06	16.05
		2595 (38000)	15.87	16.05	15.95	16.05
		2577.5 (37825)	15.81	15.97	15.94	16.01
	36RB-High (38)	2612.5 (38175)	15.86	15.85	15.86	15.93
		2595 (38000)	15.84	15.82	15.84	16.20
		2577.5 (37825)	15.80	15.79	15.82	15.87
	36RB-Middle (19)	2612.5 (38175)	15.89	15.90	15.87	15.87
		2595 (38000)	15.86	15.86	15.89	16.07
		2577.5 (37825)	15.79	15.83	15.84	16.23
	36RB-Low (0)	2612.5 (38175)	15.92	15.93	15.95	16.13
		2595 (38000)	15.88	15.89	15.93	16.07
		2577.5 (37825)	15.88	15.85	15.87	15.85
	75RB (0)	2612.5 (38175)	15.92	15.98	15.96	16.11
		2595 (38000)	15.88	15.94	15.95	16.07
		2577.5 (37825)	15.88	15.90	15.90	16.07
20MHz	1RB-High (99)	2610 (38150)	15.95	16.31	16.09	16.09
		2595 (38000)	15.91	16.29	16.00	16.00
		2580 (37850)	15.92	16.27	16.03	16.03
	1RB-Middle (50)	2610 (38150)	15.92	16.23	16.03	16.03
		2595 (38000)	15.83	16.22	15.99	15.99
		2580 (37850)	15.78	16.18	15.94	15.94
	1RB-Low (0)	2610 (38150)	15.97	16.37	16.13	16.13
		2595 (38000)	16.02	16.41	16.16	16.16
		2580 (37850)	15.90	16.30	16.08	16.08
	50RB-High (50)	2610 (38150)	15.98	15.99	16.00	16.00
		2595 (38000)	15.93	15.99	15.99	15.99
		2580 (37850)	15.95	16.00	16.00	16.00
	50RB-Middle (25)	2610 (38150)	15.96	15.99	16.05	16.05
		2595 (38000)	15.93	15.98	16.00	16.00
		2580 (37850)	15.92	15.96	15.97	15.97
	50RB-Low (0)	2610 (38150)	16.01	16.09	16.12	16.12
		2595 (38000)	16.03	16.06	16.12	16.12
		2580 (37850)	15.96	16.03	16.03	16.03
	100RB (0)	2610 (38150)	15.99	16.05	16.04	16.04
		2595 (38000)	15.92	16.01	15.96	15.96
		2580 (37850)	15.94	15.99	15.95	15.95

LTE Band38(ANT7 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	18.15	18.21	17.79	17.84
		2595 (38000)	18.19	18.25	17.82	17.94
		2572.5 (37775)	18.17	18.17	17.79	17.98
	1RB-Middle (12)	2617.5 (38225)	18.21	18.19	17.86	18.23
		2595 (38000)	18.25	18.28	17.85	18.14
		2572.5 (37775)	18.15	18.26	17.77	17.93
	1RB-Low (0)	2617.5 (38225)	18.20	18.26	17.87	17.85
		2595 (38000)	18.28	18.34	17.89	17.94
		2572.5 (37775)	18.21	18.19	17.83	18.04
	12RB-High (13)	2617.5 (38225)	18.10	18.08	18.17	17.97
		2595 (38000)	18.14	18.09	18.22	17.98
		2572.5 (37775)	18.17	18.12	18.21	17.92
	12RB-Middle (6)	2617.5 (38225)	18.10	18.08	18.15	18.13
		2595 (38000)	18.14	18.09	18.17	18.19
		2572.5 (37775)	18.13	18.05	18.17	17.93
	12RB-Low (0)	2617.5 (38225)	18.18	18.16	18.23	17.75
		2595 (38000)	18.21	18.16	18.24	17.87
		2572.5 (37775)	18.18	18.16	18.22	17.81
	25RB (0)	2617.5 (38225)	18.16	18.18	18.20	18.15
		2595 (38000)	18.19	18.17	18.21	17.80
		2572.5 (37775)	18.18	18.18	18.21	18.15
10MHz	1RB-High (49)	2615 (38200)	18.15	18.22	17.82	17.76
		2595 (38000)	18.15	18.21	17.81	18.02
		2575 (37800)	18.17	18.23	17.79	18.12
	1RB-Middle (24)	2615 (38200)	18.18	18.18	17.79	17.91
		2595 (38000)	18.29	18.28	17.86	17.99
		2575 (37800)	18.13	18.17	17.76	18.03
	1RB-Low (0)	2615 (38200)	18.25	18.32	17.89	18.25
		2595 (38000)	18.23	18.30	17.86	17.79
		2575 (37800)	18.23	18.33	17.89	17.86
	25RB-High (25)	2615 (38200)	18.15	18.13	18.22	18.07
		2595 (38000)	18.19	18.16	18.22	18.03
		2575 (37800)	18.15	18.15	18.20	17.98
	25RB-Middle (12)	2615 (38200)	18.15	18.15	18.19	18.01
		2595 (38000)	18.17	18.18	18.21	17.81
		2575 (37800)	18.13	18.14	18.19	18.25
	25RB-Low (0)	2615 (38200)	18.21	18.20	18.23	18.00
		2595 (38000)	18.21	18.21	18.25	17.82
		2575 (37800)	18.18	18.20	18.25	18.20
	50RB (0)	2615 (38200)	18.18	18.20	18.18	18.15
		2595 (38000)	18.17	18.20	18.18	17.77
		2575 (37800)	18.19	18.18	18.19	18.06

15MHz	1RB-High (74)	2612.5 (38175)	18.16	18.25	17.83	17.94
		2595 (38000)	18.14	18.24	17.81	17.82
		2577.5 (37825)	18.11	18.23	17.75	17.99
	1RB-Middle (37)	2612.5 (38175)	18.22	18.30	17.88	18.16
		2595 (38000)	18.29	18.42	17.92	18.00
		2577.5 (37825)	18.21	18.30	17.86	17.95
	1RB-Low (0)	2612.5 (38175)	18.26	18.31	17.87	18.25
		2595 (38000)	18.23	18.32	17.87	18.07
		2577.5 (37825)	18.27	18.38	17.92	18.19
	36RB-High (38)	2612.5 (38175)	18.17	18.16	18.17	18.13
		2595 (38000)	18.18	18.16	18.18	17.81
		2577.5 (37825)	18.14	18.13	18.15	17.95
	36RB-Middle (19)	2612.5 (38175)	18.18	18.16	18.18	17.81
		2595 (38000)	18.18	18.17	18.19	17.76
		2577.5 (37825)	18.16	18.16	18.19	17.89
	36RB-Low (0)	2612.5 (38175)	18.17	18.16	18.18	18.00
		2595 (38000)	18.23	18.20	18.22	17.87
		2577.5 (37825)	18.20	18.18	18.21	18.00
	75RB (0)	2612.5 (38175)	18.21	18.26	18.26	17.98
		2595 (38000)	18.22	18.26	18.24	18.22
		2577.5 (37825)	18.21	18.22	18.25	17.95
20MHz	1RB-High (99)	2610 (38150)	18.14	18.21	17.80	18.10
		2595 (38000)	18.14	18.23	17.79	18.05
		2580 (37850)	18.16	18.22	17.79	17.92
	1RB-Middle (50)	2610 (38150)	18.12	18.18	17.79	18.04
		2595 (38000)	18.12	18.22	17.80	18.09
		2580 (37850)	18.18	18.19	17.78	18.09
	1RB-Low (0)	2610 (38150)	18.27	18.33	17.88	17.99
		2595 (38000)	18.32	18.29	17.87	18.24
		2580 (37850)	18.27	18.36	17.93	18.16
	50RB-High (50)	2610 (38150)	18.15	18.16	18.16	18.22
		2595 (38000)	18.17	18.13	18.15	17.82
		2580 (37850)	18.15	18.16	18.17	18.07
	50RB-Middle (25)	2610 (38150)	18.14	18.14	18.18	18.01
		2595 (38000)	18.12	18.12	18.13	17.96
		2580 (37850)	18.17	18.18	18.16	18.05
	50RB-Low (0)	2610 (38150)	18.18	18.19	18.19	18.15
		2595 (38000)	18.27	18.16	18.16	18.11
		2580 (37850)	18.24	18.22	18.22	17.76
	100RB (0)	2610 (38150)	18.17	18.19	18.16	17.99
		2595 (38000)	18.18	18.19	18.19	18.10
		2580 (37850)	18.15	18.19	18.18	18.20

LTE Band38(ANT7 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	
5MHz	1RB-High (24)	2617.5 (38225)	16.40	16.45	16.07	16.40
		2595 (38000)	16.43	16.51	16.08	16.62
		2572.5 (37775)	16.48	16.61	16.38	16.43
	1RB-Middle (12)	2617.5 (38225)	16.41	16.45	16.05	16.42
		2595 (38000)	16.45	16.49	16.05	16.57
		2572.5 (37775)	16.58	16.58	16.16	16.40
	1RB-Low (0)	2617.5 (38225)	16.41	16.47	16.10	16.56
		2595 (38000)	16.46	16.54	16.11	16.37
		2572.5 (37775)	16.56	16.63	16.20	16.61
	12RB-High (13)	2617.5 (38225)	16.36	16.33	16.45	16.64
		2595 (38000)	16.37	16.37	16.44	16.70
		2572.5 (37775)	16.51	16.50	16.60	16.61
	12RB-Middle (6)	2617.5 (38225)	16.36	16.34	16.42	16.37
		2595 (38000)	16.36	16.33	16.41	16.58
		2572.5 (37775)	16.49	16.47	16.57	16.37
	12RB-Low (0)	2617.5 (38225)	16.44	16.40	16.51	16.66
		2595 (38000)	16.39	16.38	16.47	16.45
		2572.5 (37775)	16.53	16.50	16.61	16.60
	25RB (0)	2617.5 (38225)	16.43	16.42	16.49	16.67
		2595 (38000)	16.42	16.41	16.46	16.56
		2572.5 (37775)	16.53	16.55	16.59	16.65
10MHz	1RB-High (49)	2615 (38200)	16.37	16.43	16.02	16.62
		2595 (38000)	16.44	16.50	16.45	16.61
		2575 (37800)	16.40	16.48	16.06	16.36
	1RB-Middle (24)	2615 (38200)	16.34	16.38	16.01	16.36
		2595 (38000)	16.38	16.44	16.40	16.42
		2575 (37800)	16.42	16.52	16.10	16.54
	1RB-Low (0)	2615 (38200)	16.46	16.52	16.10	16.59
		2595 (38000)	16.47	16.54	16.46	16.66
		2575 (37800)	16.55	16.64	16.24	16.60
	25RB-High (25)	2615 (38200)	16.38	16.35	16.42	16.70
		2595 (38000)	16.37	16.36	16.41	16.47
		2575 (37800)	16.39	16.39	16.45	16.35
	25RB-Middle (12)	2615 (38200)	16.33	16.34	16.40	16.48
		2595 (38000)	16.35	16.35	16.40	16.39
		2575 (37800)	16.44	16.44	16.49	16.63
	25RB-Low (0)	2615 (38200)	16.38	16.35	16.40	16.62
		2595 (38000)	16.39	16.38	16.41	16.62
		2575 (37800)	16.52	16.54	16.58	16.45
	50RB (0)	2615 (38200)	16.36	16.40	16.37	16.38
		2595 (38000)	16.36	16.39	16.39	16.61
		2575 (37800)	16.46	16.49	16.48	16.43

15MHz	1RB-High (74)	2612.5 (38175)	16.46	16.41	16.02	16.48
		2595 (38000)	16.41	16.48	16.07	16.67
		2577.5 (37825)	16.42	16.51	16.11	16.47
	1RB-Middle (37)	2612.5 (38175)	16.51	16.47	16.07	16.47
		2595 (38000)	16.41	16.52	16.08	16.53
		2577.5 (37825)	16.44	16.51	16.11	16.61
	1RB-Low (0)	2612.5 (38175)	16.50	16.48	16.05	16.60
		2595 (38000)	16.46	16.58	16.14	16.39
		2577.5 (37825)	16.60	16.69	16.25	16.40
	36RB-High (38)	2612.5 (38175)	16.44	16.34	16.36	16.44
		2595 (38000)	16.34	16.35	16.37	16.68
		2577.5 (37825)	16.38	16.36	16.41	16.66
	36RB-Middle (19)	2612.5 (38175)	16.41	16.32	16.35	16.69
		2595 (38000)	16.35	16.35	16.37	16.60
		2577.5 (37825)	16.39	16.39	16.41	16.59
	36RB-Low (0)	2612.5 (38175)	16.45	16.33	16.36	16.44
		2595 (38000)	16.37	16.37	16.39	16.45
		2577.5 (37825)	16.50	16.50	16.53	16.64
	75RB (0)	2612.5 (38175)	16.45	16.41	16.40	16.68
		2595 (38000)	16.38	16.42	16.44	16.70
		2577.5 (37825)	16.46	16.51	16.51	16.66
20MHz	1RB-High (99)	2610 (38150)	16.59	16.58	16.31	16.47
		2595 (38000)	16.60	16.58	16.60	16.51
		2580 (37850)	16.52	16.62	16.21	16.63
	1RB-Middle (50)	2610 (38150)	16.65	16.65	16.27	16.50
		2595 (38000)	16.58	16.57	16.61	16.69
		2580 (37850)	16.56	16.68	16.26	16.49
	1RB-Low (0)	2610 (38150)	16.73	16.77	16.36	16.68
		2595 (38000)	16.58	16.58	16.60	16.62
		2580 (37850)	16.74	16.83	16.38	16.64
	50RB-High (50)	2610 (38150)	16.59	16.57	16.58	16.69
		2595 (38000)	16.58	16.60	16.61	16.44
		2580 (37850)	16.57	16.60	16.59	16.70
	50RB-Middle (25)	2610 (38150)	16.62	16.61	16.64	16.52
		2595 (38000)	16.56	16.57	16.62	16.36
		2580 (37850)	16.62	16.65	16.67	16.37
	50RB-Low (0)	2610 (38150)	16.63	16.63	16.66	16.51
		2595 (38000)	16.55	16.56	16.58	16.53
		2580 (37850)	16.63	16.67	16.66	16.58
	100RB (0)	2610 (38150)	16.63	16.63	16.62	16.65
		2595 (38000)	16.55	16.57	16.60	16.64
		2580 (37850)	16.59	16.62	16.62	16.65

LTE Band38(ANT4 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	18.20	18.15	18.04	16.25
		2595 (38000)	18.23	18.21	18.05	16.47
		2572.5 (37775)	18.29	18.02	18.08	16.28
	1RB-Middle (12)	2617.5 (38225)	18.21	18.15	18.02	16.27
		2595 (38000)	18.25	18.19	18.02	16.42
		2572.5 (37775)	18.10	18.29	18.14	16.25
	1RB-Low (0)	2617.5 (38225)	18.21	18.17	18.07	16.41
		2595 (38000)	18.26	18.25	18.08	16.22
		2572.5 (37775)	18.07	18.04	18.18	16.46
	12RB-High (13)	2617.5 (38225)	18.16	18.02	18.16	16.49
		2595 (38000)	18.17	18.06	18.15	16.55
		2572.5 (37775)	18.02	18.20	18.32	16.46
	12RB-Middle (6)	2617.5 (38225)	18.16	18.03	18.12	16.22
		2595 (38000)	18.16	18.02	18.11	16.43
		2572.5 (37775)	18.00	18.17	18.29	16.22
	12RB-Low (0)	2617.5 (38225)	18.24	18.09	18.22	16.51
		2595 (38000)	18.19	18.07	18.18	16.30
		2572.5 (37775)	18.04	18.20	18.33	16.45
	25RB (0)	2617.5 (38225)	18.23	18.12	18.20	16.52
		2595 (38000)	18.22	18.10	18.17	16.41
		2572.5 (37775)	18.04	18.26	18.31	16.50
10MHz	1RB-High (49)	2615 (38200)	18.17	18.13	17.98	16.47
		2595 (38000)	18.24	18.20	18.16	16.46
		2575 (37800)	18.20	18.18	18.03	16.21
	1RB-Middle (24)	2615 (38200)	18.13	18.07	17.97	16.21
		2595 (38000)	18.18	18.14	18.10	16.27
		2575 (37800)	18.22	18.22	18.07	16.39
	1RB-Low (0)	2615 (38200)	18.26	18.22	18.07	16.44
		2595 (38000)	18.28	18.25	18.17	16.51
		2575 (37800)	18.06	18.05	18.23	16.45
	25RB-High (25)	2615 (38200)	18.18	18.04	18.12	16.55
		2595 (38000)	18.17	18.05	18.11	16.32
		2575 (37800)	18.19	18.08	18.16	16.20
	25RB-Middle (12)	2615 (38200)	18.12	18.03	18.10	16.33
		2595 (38000)	18.14	18.04	18.10	16.24
		2575 (37800)	18.24	18.14	18.20	16.48
	25RB-Low (0)	2615 (38200)	18.18	18.04	18.10	16.47
		2595 (38000)	18.19	18.07	18.11	16.47
		2575 (37800)	18.03	18.25	18.30	16.30
	50RB (0)	2615 (38200)	18.16	18.09	18.07	16.23
		2595 (38000)	18.16	18.08	18.09	16.46
		2575 (37800)	18.26	18.19	18.19	16.28

15MHz	1RB-High (74)	2612.5 (38175)	18.26	18.10	17.98	16.33
		2595 (38000)	18.21	18.18	18.04	16.52
		2577.5 (37825)	18.22	18.21	18.08	16.32
	1RB-Middle (37)	2612.5 (38175)	18.02	18.17	18.04	16.32
		2595 (38000)	18.21	18.22	18.05	16.38
		2577.5 (37825)	18.24	18.21	18.08	16.46
	1RB-Low (0)	2612.5 (38175)	18.01	18.18	18.02	16.45
		2595 (38000)	18.26	18.29	18.12	16.24
		2577.5 (37825)	18.12	18.11	18.24	16.25
	36RB-High (38)	2612.5 (38175)	18.24	18.03	18.06	16.29
		2595 (38000)	18.13	18.04	18.07	16.53
		2577.5 (37825)	18.18	18.05	18.11	16.51
	36RB-Middle (19)	2612.5 (38175)	18.21	18.01	18.05	16.54
		2595 (38000)	18.14	18.04	18.07	16.45
		2577.5 (37825)	18.19	18.08	18.11	16.44
	36RB-Low (0)	2612.5 (38175)	18.25	18.02	18.06	16.29
		2595 (38000)	18.17	18.06	18.09	16.30
		2577.5 (37825)	18.01	18.20	18.25	16.49
	75RB (0)	2612.5 (38175)	18.25	18.10	18.10	16.53
		2595 (38000)	18.18	18.12	18.15	16.55
		2577.5 (37825)	18.06	17.91	18.22	16.51
20MHz	1RB-High (99)	2610 (38150)	18.11	18.19	18.03	16.53
		2595 (38000)	18.13	18.21	18.01	16.42
		2580 (37850)	18.15	18.20	18.03	16.44
	1RB-Middle (50)	2610 (38150)	18.10	18.14	18.03	16.43
		2595 (38000)	18.12	18.20	18.02	16.34
		2580 (37850)	18.13	18.18	18.02	16.43
	1RB-Low (0)	2610 (38150)	18.26	18.11	18.12	16.52
		2595 (38000)	18.27	18.26	18.08	16.49
		2580 (37850)	18.21	18.13	18.17	16.21
	50RB-High (50)	2610 (38150)	18.11	18.15	18.13	16.40
		2595 (38000)	18.13	18.12	18.12	16.39
		2580 (37850)	18.13	18.15	18.13	16.40
	50RB-Middle (25)	2610 (38150)	18.11	18.11	18.13	16.40
		2595 (38000)	18.08	18.10	18.10	16.37
		2580 (37850)	18.15	18.15	18.13	16.40
	50RB-Low (0)	2610 (38150)	18.16	18.16	18.17	16.43
		2595 (38000)	18.21	18.14	18.14	16.41
		2580 (37850)	18.13	18.23	18.20	16.46
	100RB (0)	2610 (38150)	18.14	18.17	18.15	16.42
		2595 (38000)	18.15	18.17	18.15	16.42
		2580 (37850)	18.15	18.16	18.15	16.42

LTE Band38(ANT4 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	17.25	17.14	16.77	16.49
		2595 (38000)	17.28	17.19	16.77	16.50
		2572.5 (37775)	17.34	17.02	16.80	16.25
	1RB-Middle (12)	2617.5 (38225)	17.26	17.14	16.75	16.38
		2595 (38000)	17.30	17.18	16.75	16.28
		2572.5 (37775)	17.16	17.27	16.86	16.38
	1RB-Low (0)	2617.5 (38225)	17.26	17.16	16.79	16.36
		2595 (38000)	17.31	17.23	16.80	16.32
		2572.5 (37775)	17.13	17.03	16.90	16.30
	12RB-High (13)	2617.5 (38225)	17.22	17.02	16.88	16.31
		2595 (38000)	17.22	17.05	16.87	16.41
		2572.5 (37775)	17.08	17.19	17.03	16.46
	12RB-Middle (6)	2617.5 (38225)	17.22	17.02	16.84	16.48
		2595 (38000)	17.22	17.02	16.83	16.31
		2572.5 (37775)	17.06	17.16	17.00	16.34
	12RB-Low (0)	2617.5 (38225)	17.29	17.08	16.93	16.35
		2595 (38000)	17.24	17.06	16.90	16.37
		2572.5 (37775)	17.10	17.19	17.04	16.47
	25RB (0)	2617.5 (38225)	17.28	17.11	16.91	16.44
		2595 (38000)	17.27	17.09	16.89	16.32
		2572.5 (37775)	17.10	17.24	17.02	16.44
10MHz	1RB-High (49)	2615 (38200)	17.22	17.12	16.71	16.39
		2595 (38000)	17.29	17.19	16.88	16.40
		2575 (37800)	17.25	17.17	16.76	16.53
	1RB-Middle (24)	2615 (38200)	17.19	17.06	16.70	16.27
		2595 (38000)	17.23	17.13	16.82	16.38
		2575 (37800)	17.27	17.20	16.79	16.40
	1RB-Low (0)	2615 (38200)	17.31	17.20	16.79	16.38
		2595 (38000)	17.33	17.23	16.89	16.41
		2575 (37800)	17.12	17.04	16.94	16.39
	25RB-High (25)	2615 (38200)	17.23	17.03	16.84	16.47
		2595 (38000)	17.22	17.04	16.83	16.39
		2575 (37800)	17.24	17.07	16.88	16.51
	25RB-Middle (12)	2615 (38200)	17.18	17.02	16.82	16.49
		2595 (38000)	17.20	17.03	16.82	16.35
		2575 (37800)	17.29	17.13	16.91	16.47
	25RB-Low (0)	2615 (38200)	17.23	17.03	16.82	16.32
		2595 (38000)	17.24	17.06	16.83	16.37
		2575 (37800)	17.09	17.23	17.01	16.45
	50RB (0)	2615 (38200)	17.22	17.08	16.79	16.35
		2595 (38000)	17.22	17.07	16.81	16.54
		2575 (37800)	17.31	17.18	16.91	16.34

15MHz	1RB-High (74)	2612.5 (38175)	17.31	17.09	16.71	16.48
		2595 (38000)	17.26	17.17	16.77	16.55
		2577.5 (37825)	17.27	17.19	16.80	16.50
	1RB-Middle (37)	2612.5 (38175)	17.08	17.16	16.77	16.41
		2595 (38000)	17.26	17.20	16.77	16.47
		2577.5 (37825)	17.29	17.19	16.80	16.27
	1RB-Low (0)	2612.5 (38175)	17.07	17.17	16.75	16.51
		2595 (38000)	17.31	17.27	16.84	16.35
		2577.5 (37825)	17.18	17.10	16.95	16.30
	36RB-High (38)	2612.5 (38175)	17.29	17.02	16.78	16.36
		2595 (38000)	17.19	17.03	16.79	16.38
		2577.5 (37825)	17.23	17.04	16.83	16.47
	36RB-Middle (19)	2612.5 (38175)	17.26	17.01	16.77	16.33
		2595 (38000)	17.20	17.03	16.79	16.48
		2577.5 (37825)	17.24	17.07	16.83	16.31
	36RB-Low (0)	2612.5 (38175)	17.30	17.02	16.78	16.32
		2595 (38000)	17.22	17.05	16.81	16.53
		2577.5 (37825)	17.07	17.19	16.96	16.48
	75RB (0)	2612.5 (38175)	17.30	17.09	16.82	16.42
		2595 (38000)	17.23	17.11	16.87	16.40
		2577.5 (37825)	17.12	16.91	16.93	16.54
20MHz	1RB-High (99)	2610 (38150)	17.16	17.19	16.76	16.39
		2595 (38000)	17.15	17.21	16.76	16.55
		2580 (37850)	17.15	17.21	16.78	16.40
	1RB-Middle (50)	2610 (38150)	17.08	17.10	16.75	16.28
		2595 (38000)	17.10	17.18	16.78	16.29
		2580 (37850)	17.16	17.17	16.78	16.40
	1RB-Low (0)	2610 (38150)	17.26	17.32	16.87	16.53
		2595 (38000)	17.31	17.27	16.84	16.32
		2580 (37850)	17.26	17.34	16.90	16.47
	50RB-High (50)	2610 (38150)	17.13	17.12	17.10	16.37
		2595 (38000)	17.12	17.11	17.10	16.32
		2580 (37850)	17.11	17.13	17.14	16.37
	50RB-Middle (25)	2610 (38150)	17.12	17.11	17.09	16.49
		2595 (38000)	17.08	17.06	17.06	16.25
		2580 (37850)	17.13	17.16	17.13	16.30
	50RB-Low (0)	2610 (38150)	17.15	17.15	17.14	16.53
		2595 (38000)	17.24	17.14	17.14	16.38
		2580 (37850)	17.19	17.21	17.19	16.44
	100RB (0)	2610 (38150)	17.13	17.15	17.13	16.35
		2595 (38000)	17.14	17.12	17.13	16.27
		2580 (37850)	17.16	17.14	17.14	16.25

LTE Band41-PC2(ANT5 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.68	19.86	19.66	19.22
		2640.3(41093)	19.69	19.88	19.64	19.20
		2593 (40620)	19.79	19.94	19.76	19.31
		2545.8(40148)	19.63	19.82	19.62	19.18
		2498.5 (39675)	19.70	19.87	19.66	19.22
	1RB-Middle (12)	2687.5 (41565)	19.69	19.84	19.62	19.18
		2640.3(41093)	19.73	19.82	19.64	19.20
		2593 (40620)	19.82	19.94	19.77	19.32
		2545.8(40148)	19.65	19.80	19.53	19.09
		2498.5 (39675)	19.63	19.77	19.51	19.07
	1RB-Low (0)	2687.5 (41565)	19.71	19.90	19.65	19.21
		2640.3(41093)	19.71	19.88	19.69	19.25
		2593 (40620)	19.83	20.03	19.81	19.36
		2545.8(40148)	19.63	19.84	19.61	19.17
		2498.5 (39675)	19.60	19.81	19.60	19.16
	12RB-High (13)	2687.5 (41565)	19.66	19.70	19.69	19.25
		2640.3(41093)	19.65	19.68	19.67	19.23
		2593 (40620)	19.73	19.79	19.83	19.38
		2545.8(40148)	19.57	19.62	19.62	19.18
		2498.5 (39675)	19.62	19.67	19.65	19.21
	12RB-Middle (6)	2687.5 (41565)	19.67	19.64	19.69	19.25
		2640.3(41093)	19.59	19.63	19.69	19.25
		2593 (40620)	19.73	19.75	19.82	19.37
		2545.8(40148)	19.57	19.63	19.68	19.24
		2498.5 (39675)	19.56	19.56	19.61	19.17
	12RB-Low (0)	2687.5 (41565)	19.69	19.70	19.76	19.31
		2640.3(41093)	19.65	19.69	19.71	19.26
		2593 (40620)	19.81	19.85	19.92	19.47
		2545.8(40148)	19.62	19.63	19.72	19.27
		2498.5 (39675)	19.59	19.63	19.66	19.22
	25RB (0)	2687.5 (41565)	19.69	19.69	19.72	19.27
		2640.3(41093)	19.67	19.67	19.71	19.26
		2593 (40620)	19.76	19.81	19.82	19.37
		2545.8(40148)	19.62	19.60	19.65	19.21
		2498.5 (39675)	19.62	19.65	19.65	19.21

10MHz	1RB-High (49)	2685 (41540)	19.66	19.93	19.67	19.23
		2639(41080)	19.69	19.93	19.68	19.24
		2593 (40620)	19.80	19.97	19.75	19.30
		2547(40160)	19.70	19.87	19.65	19.21
		2501 (39700)	19.69	19.90	19.66	19.22
	1RB-Middle (24)	2685 (41540)	19.64	19.86	19.61	19.17
		2639(41080)	19.65	19.82	19.59	19.15
		2593 (40620)	19.75	19.98	19.78	19.33
		2547(40160)	19.58	19.79	19.62	19.18
		2501 (39700)	19.60	19.79	19.58	19.14
	1RB-Low (0)	2685 (41540)	19.77	20.01	19.73	19.28
		2639(41080)	19.77	19.95	19.74	19.29
		2593 (40620)	19.81	20.07	19.80	19.35
		2547(40160)	19.71	19.91	19.71	19.26
		2501 (39700)	19.62	19.85	19.62	19.18
	25RB-High (25)	2685 (41540)	19.67	19.66	19.73	19.28
		2639(41080)	19.66	19.67	19.71	19.26
		2593 (40620)	19.79	19.79	19.82	19.37
		2547(40160)	19.60	19.63	19.68	19.24
		2501 (39700)	19.66	19.67	19.76	19.31
	25RB-Middle (12)	2685 (41540)	19.67	19.62	19.73	19.28
		2639(41080)	19.64	19.66	19.72	19.27
		2593 (40620)	19.77	19.78	19.85	19.40
		2547(40160)	19.57	19.59	19.63	19.19
		2501 (39700)	19.60	19.62	19.63	19.19
	25RB-Low (0)	2685 (41540)	19.74	19.71	19.76	19.31
		2639(41080)	19.67	19.70	19.72	19.27
		2593 (40620)	19.82	19.78	19.87	19.42
		2547(40160)	19.63	19.67	19.71	19.26
		2501 (39700)	19.59	19.58	19.63	19.19
	50RB (0)	2685 (41540)	19.70	19.75	19.70	19.25
		2639(41080)	19.68	19.70	19.68	19.24
		2593 (40620)	19.74	19.83	19.81	19.36
		2547(40160)	19.59	19.64	19.61	19.17
		2501 (39700)	19.58	19.64	19.60	19.16

15MHz	1RB-High (74)	2682.5 (41515)	19.66	19.91	19.67	19.23
		2637.8(41068)	19.74	19.93	19.68	19.24
		2593 (40620)	19.74	19.93	19.73	19.28
		2548.3(40173)	19.66	19.85	19.62	19.18
		2503.5 (39725)	19.75	19.94	19.71	19.26
	1RB-Middle (37)	2682.5 (41515)	19.64	19.89	19.63	19.19
		2637.8(41068)	19.68	19.85	19.64	19.20
		2593 (40620)	19.79	19.99	19.80	19.35
		2548.3(40173)	19.62	19.80	19.57	19.13
		2503.5 (39725)	19.61	19.79	19.57	19.13
	1RB-Low (0)	2682.5 (41515)	19.77	20.02	19.73	19.28
		2637.8(41068)	19.75	19.92	19.74	19.29
		2593 (40620)	19.82	20.07	19.83	19.38
		2548.3(40173)	19.70	19.90	19.71	19.26
		2503.5 (39725)	19.63	19.87	19.62	19.18
	36RB-High (38)	2682.5 (41515)	19.67	19.63	19.64	19.20
		2637.8(41068)	19.66	19.65	19.64	19.20
		2593 (40620)	19.71	19.70	19.70	19.25
		2548.3(40173)	19.59	19.58	19.58	19.14
		2503.5 (39725)	19.62	19.63	19.62	19.18
	36RB-Middle (19)	2682.5 (41515)	19.66	19.64	19.63	19.19
		2637.8(41068)	19.63	19.64	19.63	19.19
		2593 (40620)	19.72	19.72	19.73	19.28
		2548.3(40173)	19.54	19.56	19.57	19.13
		2503.5 (39725)	19.60	19.57	19.59	19.15
	36RB-Low (0)	2682.5 (41515)	19.69	19.68	19.70	19.25
		2637.8(41068)	19.62	19.64	19.62	19.18
		2593 (40620)	19.79	19.76	19.79	19.34
		2548.3(40173)	19.61	19.60	19.59	19.15
		2503.5 (39725)	19.56	19.54	19.53	19.09
	75RB (0)	2682.5 (41515)	19.69	19.74	19.72	19.27
		2637.8(41068)	19.70	19.73	19.68	19.24
		2593 (40620)	19.74	19.79	19.80	19.35
		2548.3(40173)	19.59	19.68	19.62	19.18
		2503.5 (39725)	19.66	19.66	19.67	19.23

20MHz	1RB-High (99)	2680 (41490)	19.73	19.92	19.69	19.25
		2636.5(41055)	19.79	20.01	19.79	19.34
		2593 (40620)	19.79	19.97	19.76	19.31
		2549.5(40185)	19.82	20.04	19.78	19.33
		2506 (39750)	19.71	19.94	19.72	19.27
	1RB-Middle (50)	2680 (41490)	19.64	19.89	19.67	19.23
		2636.5(41055)	19.74	19.95	19.72	19.27
		2593 (40620)	19.85	20.07	19.88	19.43
		2549.5(40185)	19.77	19.95	19.75	19.30
		2506 (39750)	19.56	19.76	19.54	19.10
	1RB-Low (0)	2680 (41490)	19.81	20.16	19.84	19.39
		2636.5(41055)	19.81	20.01	19.81	19.36
		2593 (40620)	19.96	20.17	19.94	19.49
		2549.5(40185)	19.92	20.12	19.89	19.44
		2506 (39750)	19.62	19.81	19.59	19.15
	50RB-High (50)	2680 (41490)	19.70	19.74	19.70	19.25
		2636.5(41055)	19.75	19.79	19.80	19.35
		2593 (40620)	19.83	19.86	19.83	19.38
		2549.5(40185)	19.79	19.81	19.80	19.35
		2506 (39750)	19.56	19.70	19.70	19.25
	50RB-Middle (25)	2680 (41490)	19.72	19.74	19.73	19.28
		2636.5(41055)	19.75	19.79	19.76	19.31
		2593 (40620)	19.89	19.92	19.92	19.47
		2549.5(40185)	19.79	19.79	19.78	19.33
		2506 (39750)	19.61	19.60	19.64	19.20
	50RB-Low (0)	2680 (41490)	19.82	19.84	19.83	19.38
		2636.5(41055)	19.81	19.76	19.74	19.29
		2593 (40620)	19.95	19.98	20.00	19.55
		2549.5(40185)	19.82	19.85	19.81	19.36
		2506 (39750)	19.67	19.54	19.54	19.10
	100RB (0)	2680 (41490)	19.80	19.79	19.77	19.32
		2636.5(41055)	19.76	19.79	19.77	19.32
		2593 (40620)	19.91	19.93	19.93	19.48
		2549.5(40185)	19.80	19.78	19.78	19.33
		2506 (39750)	19.62	19.61	19.62	19.18

LTE Band41-PC2(ANT5 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.89	24.53	23.86	20.48
		2640.3(41093)	25.91	25.12	23.91	20.52
		2593 (40620)	26.02	25.22	24.01	20.61
		2545.8(40148)	25.85	25.04	23.84	20.46
		2498.5 (39675)	25.92	25.10	23.87	20.49
	1RB-Middle (12)	2687.5 (41565)	24.99	24.55	23.82	20.45
		2640.3(41093)	25.96	25.06	23.85	20.47
		2593 (40620)	26.06	25.23	23.98	20.58
		2545.8(40148)	25.84	24.99	23.84	20.46
		2498.5 (39675)	25.69	25.01	23.77	20.40
	1RB-Low (0)	2687.5 (41565)	25.01	24.96	23.87	20.49
		2640.3(41093)	25.91	25.11	23.91	20.52
		2593 (40620)	25.94	25.28	24.08	20.67
		2545.8(40148)	25.89	25.06	23.87	20.49
		2498.5 (39675)	25.63	25.03	23.84	20.46
	12RB-High (13)	2687.5 (41565)	24.57	23.93	22.96	20.68
		2640.3(41093)	24.90	23.93	22.95	20.67
		2593 (40620)	25.01	24.05	23.07	20.78
		2545.8(40148)	24.83	23.84	22.93	20.65
		2498.5 (39675)	24.86	23.90	22.93	20.65
	12RB-Middle (6)	2687.5 (41565)	24.62	23.90	22.95	20.67
		2640.3(41093)	24.85	23.89	22.94	20.66
		2593 (40620)	25.03	24.06	23.09	20.79
		2545.8(40148)	24.86	23.85	22.93	20.65
		2498.5 (39675)	24.81	23.83	22.87	20.60
	12RB-Low (0)	2687.5 (41565)	24.82	23.97	23.01	20.72
		2640.3(41093)	24.88	23.97	22.99	20.70
		2593 (40620)	25.11	24.10	23.18	20.88
		2545.8(40148)	24.90	23.91	22.97	20.69
		2498.5 (39675)	24.81	23.86	22.91	20.63
	25RB (0)	2687.5 (41565)	24.70	23.95	22.97	20.69
		2640.3(41093)	24.94	23.92	22.95	20.67
		2593 (40620)	25.03	24.06	23.10	20.80
		2545.8(40148)	24.87	23.89	22.90	20.62
		2498.5 (39675)	24.87	23.90	22.93	20.65

10MHz	1RB-High (49)	2685 (41540)	25.02	24.40	23.86	20.48
		2639(41080)	25.99	25.17	23.92	20.53
		2593 (40620)	25.96	25.26	24.00	20.60
		2547(40160)	25.89	25.10	23.88	20.50
		2501 (39700)	25.93	25.19	23.90	20.51
	1RB-Middle (24)	2685 (41540)	24.98	24.72	23.80	20.43
		2639(41080)	25.86	25.05	23.84	20.46
		2593 (40620)	25.98	25.22	24.00	20.60
		2547(40160)	25.84	25.01	23.82	20.45
		2501 (39700)	25.83	25.03	23.78	20.41
	1RB-Low (0)	2685 (41540)	24.95	24.90	23.93	20.54
		2639(41080)	26.00	25.17	23.97	20.57
		2593 (40620)	26.10	25.30	24.05	20.64
		2547(40160)	25.97	25.16	23.92	20.53
		2501 (39700)	25.31	25.09	23.83	20.45
	25RB-High (25)	2685 (41540)	24.62	23.92	22.95	20.67
		2639(41080)	24.93	23.95	22.99	20.70
		2593 (40620)	25.02	24.04	23.09	20.79
		2547(40160)	24.88	23.89	22.92	20.64
		2501 (39700)	24.90	23.93	22.99	20.70
	25RB-Middle (12)	2685 (41540)	24.80	23.93	22.98	20.69
		2639(41080)	24.89	23.93	22.96	20.68
		2593 (40620)	25.05	24.06	23.11	20.81
		2547(40160)	24.82	23.86	22.91	20.63
		2501 (39700)	24.81	23.85	22.91	20.63
	25RB-Low (0)	2685 (41540)	24.93	23.99	23.02	20.73
		2639(41080)	24.90	23.92	22.99	20.70
		2593 (40620)	25.09	24.08	23.12	20.82
		2547(40160)	24.88	23.89	22.95	20.67
		2501 (39700)	24.80	23.83	22.88	20.60
	50RB (0)	2685 (41540)	24.76	23.97	22.93	20.65
		2639(41080)	24.92	23.95	22.91	20.63
		2593 (40620)	25.04	24.07	23.05	20.76
		2547(40160)	24.88	23.90	22.87	20.60
		2501 (39700)	24.85	23.85	22.88	20.60

15MHz	1RB-High (74)	2682.5 (41515)	24.93	24.53	23.84	20.46
		2637.8(41068)	26.01	25.15	23.95	20.56
		2593 (40620)	25.97	25.22	23.96	20.57
		2548.3(40173)	25.91	25.08	23.87	20.49
		2503.5 (39725)	25.97	25.19	23.95	20.56
	1RB-Middle (37)	2682.5 (41515)	25.06	24.95	23.84	20.46
		2637.8(41068)	25.92	25.07	23.88	20.50
		2593 (40620)	25.99	25.26	24.04	20.63
		2548.3(40173)	25.88	25.01	23.83	20.45
		2503.5 (39725)	25.86	25.07	23.83	20.45
	1RB-Low (0)	2682.5 (41515)	25.44	25.23	23.94	20.55
		2637.8(41068)	26.08	25.14	23.94	20.55
		2593 (40620)	26.07	25.34	24.08	20.67
		2548.3(40173)	25.96	25.14	23.93	20.54
		2503.5 (39725)	25.28	25.11	23.84	20.46
	36RB-High (38)	2682.5 (41515)	24.86	23.86	22.93	20.65
		2637.8(41068)	24.92	23.90	22.90	20.62
		2593 (40620)	24.98	23.97	23.00	20.71
		2548.3(40173)	24.84	23.81	22.80	20.53
		2503.5 (39725)	24.86	23.88	22.89	20.61
	36RB-Middle (19)	2682.5 (41515)	24.89	23.91	22.89	20.61
		2637.8(41068)	24.87	23.87	22.88	20.60
		2593 (40620)	24.97	23.99	23.00	20.71
		2548.3(40173)	24.83	23.80	22.81	20.54
		2503.5 (39725)	24.81	23.81	22.84	20.57
	36RB-Low (0)	2682.5 (41515)	24.95	23.96	22.98	20.69
		2637.8(41068)	24.87	23.86	22.85	20.58
		2593 (40620)	25.04	24.06	23.07	20.78
		2548.3(40173)	24.82	23.82	22.84	20.57
		2503.5 (39725)	24.79	23.81	22.77	20.51
	75RB (0)	2682.5 (41515)	24.92	23.99	22.98	20.69
		2637.8(41068)	24.93	23.95	22.95	20.67
		2593 (40620)	25.02	24.07	23.07	20.78
		2548.3(40173)	24.84	23.89	22.89	20.61
		2503.5 (39725)	24.89	23.91	22.93	20.65

20MHz	1RB-High (99)	2680 (41490)	24.87	24.36	23.87	20.49
		2636.5(41055)	26.09	25.27	23.99	20.59
		2593 (40620)	26.07	25.25	23.97	20.57
		2549.5(40185)	26.07	25.27	24.04	20.63
		2506 (39750)	25.94	25.22	23.95	20.56
	1RB-Middle (50)	2680 (41490)	24.87	24.86	23.84	20.46
		2636.5(41055)	26.07	25.17	23.94	20.55
		2593 (40620)	26.08	25.35	24.07	20.66
		2549.5(40185)	25.99	25.17	23.98	20.58
		2506 (39750)	25.82	25.00	23.78	20.41
	1RB-Low (0)	2680 (41490)	25.52	25.40	24.00	20.60
		2636.5(41055)	26.10	25.23	24.02	20.62
		2593 (40620)	26.17	25.47	24.17	20.75
		2549.5(40185)	26.15	25.36	24.09	20.68
		2506 (39750)	25.39	25.08	23.80	20.43
	50RB-High (50)	2680 (41490)	24.76	23.97	22.93	20.65
		2636.5(41055)	25.04	24.07	23.07	20.78
		2593 (40620)	25.08	24.12	23.10	20.80
		2549.5(40185)	25.04	24.05	23.06	20.77
		2506 (39750)	24.93	23.97	22.93	20.65
	50RB-Middle (25)	2680 (41490)	24.98	23.98	22.99	20.70
		2636.5(41055)	25.01	24.02	23.03	20.74
		2593 (40620)	25.16	24.16	23.13	20.83
		2549.5(40185)	25.00	24.02	23.04	20.75
		2506 (39750)	24.87	23.86	22.85	20.58
	50RB-Low (0)	2680 (41490)	25.10	24.12	23.10	20.80
		2636.5(41055)	24.96	23.98	23.01	20.72
		2593 (40620)	25.22	24.25	23.22	20.91
		2549.5(40185)	25.04	24.06	23.05	20.76
		2506 (39750)	24.80	23.80	22.78	20.51
	100RB (0)	2680 (41490)	25.02	24.03	23.00	20.71
		2636.5(41055)	25.02	24.02	23.04	20.75
		2593 (40620)	25.20	24.20	23.22	20.91
		2549.5(40185)	25.04	24.06	23.04	20.75
		2506 (39750)	24.84	23.84	22.85	20.58

LTE Band41-PC2(ANT6 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.91	20.08	19.85	19.67
		2640.3(41093)	19.95	20.09	19.88	19.55
		2593 (40620)	20.06	20.22	19.98	19.83
		2545.8(40148)	19.95	20.11	19.91	19.73
		2498.5 (39675)	19.63	19.82	19.59	19.88
	1RB-Middle (12)	2687.5 (41565)	19.96	20.03	19.80	19.81
		2640.3(41093)	20.04	20.07	19.87	19.77
		2593 (40620)	20.06	20.20	20.01	19.74
		2545.8(40148)	20.02	20.07	19.84	19.51
		2498.5 (39675)	19.73	19.78	19.52	19.68
	1RB-Low (0)	2687.5 (41565)	19.87	20.10	19.84	19.70
		2640.3(41093)	19.94	20.11	19.88	19.51
		2593 (40620)	20.01	20.18	19.98	19.61
		2545.8(40148)	19.99	20.14	19.91	19.63
		2498.5 (39675)	19.62	19.78	19.58	19.63
	12RB-High (13)	2687.5 (41565)	19.92	19.92	19.94	19.59
		2640.3(41093)	19.91	19.91	19.95	19.58
		2593 (40620)	20.02	20.02	20.07	19.77
		2545.8(40148)	19.96	19.94	20.00	19.82
		2498.5 (39675)	19.64	19.66	19.67	19.56
	12RB-Middle (6)	2687.5 (41565)	19.87	19.89	19.93	19.78
		2640.3(41093)	19.87	19.91	19.94	19.57
		2593 (40620)	20.01	20.06	20.08	19.79
		2545.8(40148)	19.87	19.88	19.99	19.81
		2498.5 (39675)	19.55	19.56	19.61	19.78
	12RB-Low (0)	2687.5 (41565)	19.95	19.96	19.99	19.51
		2640.3(41093)	19.93	19.93	20.01	19.76
		2593 (40620)	20.04	20.06	20.11	19.76
		2545.8(40148)	19.95	19.97	20.02	19.77
		2498.5 (39675)	19.61	19.63	19.68	19.58
	25RB (0)	2687.5 (41565)	19.94	19.95	19.97	19.85
		2640.3(41093)	19.90	19.94	19.96	19.81
		2593 (40620)	20.05	20.03	20.06	19.50
		2545.8(40148)	19.95	19.97	19.97	19.55
		2498.5 (39675)	19.63	19.65	19.65	19.76

10MHz	1RB-High (49)	2685 (41540)	19.90	20.19	19.91	19.72
		2639(41080)	19.98	20.17	19.93	19.89
		2593 (40620)	19.99	20.23	19.97	19.53
		2547(40160)	19.99	20.19	19.95	19.77
		2501 (39700)	19.71	19.89	19.64	19.76
	1RB-Middle (24)	2685 (41540)	19.89	20.05	19.80	19.85
		2639(41080)	19.95	20.07	19.86	19.51
		2593 (40620)	19.98	20.21	19.97	19.57
		2547(40160)	19.93	20.08	19.92	19.83
		2501 (39700)	19.57	19.75	19.54	19.66
	1RB-Low (0)	2685 (41540)	19.98	20.19	19.91	19.54
		2639(41080)	20.00	20.20	19.98	19.54
		2593 (40620)	20.07	20.28	20.00	19.50
		2547(40160)	19.97	20.22	19.97	19.90
		2501 (39700)	19.60	19.86	19.62	19.55
	25RB-High (25)	2685 (41540)	19.90	19.91	19.97	19.79
		2639(41080)	19.94	19.95	20.01	19.74
		2593 (40620)	19.99	20.03	20.08	19.60
		2547(40160)	19.95	19.96	19.99	19.50
		2501 (39700)	19.66	19.66	19.72	19.73
	25RB-Middle (12)	2685 (41540)	19.89	19.94	19.95	19.61
		2639(41080)	19.89	19.87	19.94	19.64
		2593 (40620)	20.03	20.02	20.07	19.56
		2547(40160)	19.92	19.92	19.99	19.67
		2501 (39700)	19.57	19.61	19.64	19.61
	25RB-Low (0)	2685 (41540)	19.95	19.96	19.99	19.54
		2639(41080)	19.92	19.95	19.96	19.55
		2593 (40620)	20.04	20.06	20.12	19.90
		2547(40160)	19.92	19.96	19.99	19.76
		2501 (39700)	19.57	19.59	19.65	19.53
	50RB (0)	2685 (41540)	19.94	19.99	19.93	19.73
		2639(41080)	19.94	19.95	19.93	19.82
		2593 (40620)	20.03	20.08	20.05	19.69
		2547(40160)	19.97	19.96	19.93	19.54
		2501 (39700)	19.61	19.63	19.59	19.86

15MHz	1RB-High (74)	2682.5 (41515)	19.94	20.15	19.90	19.74
		2637.8(41068)	20.00	20.21	19.96	19.55
		2593 (40620)	20.02	20.21	19.96	19.73
		2548.3(40173)	19.95	20.18	19.93	19.70
		2503.5 (39725)	19.68	19.91	19.69	19.90
	1RB-Middle (37)	2682.5 (41515)	19.93	20.19	19.88	19.50
		2637.8(41068)	19.97	20.19	19.97	19.87
		2593 (40620)	20.13	20.30	20.05	19.69
		2548.3(40173)	19.97	20.16	19.95	19.74
		2503.5 (39725)	19.65	19.82	19.62	19.81
	1RB-Low (0)	2682.5 (41515)	19.94	20.26	19.94	19.79
		2637.8(41068)	19.98	20.22	19.98	19.80
		2593 (40620)	20.01	20.26	20.02	19.83
		2548.3(40173)	20.06	20.23	19.98	19.88
		2503.5 (39725)	19.67	19.87	19.65	19.78
	36RB-High (38)	2682.5 (41515)	19.92	19.92	19.93	19.61
		2637.8(41068)	19.97	19.96	19.95	19.75
		2593 (40620)	20.00	19.98	20.02	19.87
		2548.3(40173)	19.96	19.94	19.92	19.83
		2503.5 (39725)	19.65	19.68	19.67	19.86
	36RB-Middle (19)	2682.5 (41515)	19.94	19.93	19.95	19.67
		2637.8(41068)	19.94	19.92	19.93	19.65
		2593 (40620)	20.04	20.03	20.05	19.68
		2548.3(40173)	19.98	19.98	19.95	19.86
		2503.5 (39725)	19.63	19.61	19.59	19.50
	36RB-Low (0)	2682.5 (41515)	19.99	19.97	19.98	19.86
		2637.8(41068)	19.97	19.95	19.95	19.50
		2593 (40620)	20.04	20.02	20.04	19.82
		2548.3(40173)	19.95	20.00	19.95	19.82
		2503.5 (39725)	19.58	19.59	19.59	19.53
	75RB (0)	2682.5 (41515)	19.97	20.03	20.01	19.69
		2637.8(41068)	19.98	20.00	19.98	19.88
		2593 (40620)	20.01	20.07	20.09	19.74
		2548.3(40173)	19.99	20.06	20.01	19.68
		2503.5 (39725)	19.67	19.70	19.69	19.80

20MHz	1RB-High (99)	2680 (41490)	19.90	20.37	20.01	19.78
		2636.5(41055)	19.96	20.31	20.02	19.67
		2593 (40620)	19.92	20.38	20.03	19.89
		2549.5(40185)	19.95	20.28	20.01	19.90
		2506 (39750)	19.81	20.19	19.86	19.72
	1RB-Middle (50)	2680 (41490)	19.88	20.39	20.03	19.58
		2636.5(41055)	19.98	20.30	20.07	19.82
		2593 (40620)	20.04	20.46	20.22	19.71
		2549.5(40185)	19.94	20.27	20.06	19.63
		2506 (39750)	19.64	20.00	19.77	19.87
	1RB-Low (0)	2680 (41490)	19.99	20.52	20.11	19.73
		2636.5(41055)	19.95	20.31	20.05	19.68
		2593 (40620)	20.00	20.38	20.14	19.69
		2549.5(40185)	20.01	20.36	20.09	19.68
		2506 (39750)	19.61	19.98	19.73	19.60
	50RB-High (50)	2680 (41490)	20.00	20.02	20.00	19.78
		2636.5(41055)	20.02	20.05	20.05	19.62
		2593 (40620)	20.04	20.09	20.11	19.78
		2549.5(40185)	20.06	20.02	20.05	19.59
		2506 (39750)	19.79	19.80	19.80	19.55
	50RB-Middle (25)	2680 (41490)	20.01	20.03	20.04	19.72
		2636.5(41055)	19.98	20.00	20.01	19.75
		2593 (40620)	20.09	20.14	20.12	19.76
		2549.5(40185)	20.03	20.01	20.05	19.81
		2506 (39750)	19.73	19.71	19.74	19.80
	50RB-Low (0)	2680 (41490)	20.07	20.09	20.13	19.54
		2636.5(41055)	20.03	20.02	20.02	19.77
		2593 (40620)	20.13	20.15	20.18	19.79
		2549.5(40185)	20.05	20.03	20.07	19.71
		2506 (39750)	19.68	19.65	19.68	19.52
	100RB (0)	2680 (41490)	20.01	20.07	20.03	19.76
		2636.5(41055)	19.98	20.04	20.00	19.54
		2593 (40620)	20.09	20.14	20.09	19.78
		2549.5(40185)	20.07	20.06	20.05	19.73
		2506 (39750)	19.75	19.75	19.75	19.84

LTE Band41-PC2(ANT6 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.67	18.92	18.67	18.63
		2640.3(41093)	18.72	18.93	18.70	18.39
		2593 (40620)	18.79	19.03	18.77	18.58
		2545.8(40148)	18.76	18.92	18.73	18.46
		2498.5 (39675)	18.45	18.63	18.41	18.66
	1RB-Middle (12)	2687.5 (41565)	18.74	18.88	18.65	18.34
		2640.3(41093)	18.75	18.88	18.71	18.48
		2593 (40620)	18.91	19.03	18.81	18.57
		2545.8(40148)	18.89	18.90	18.67	18.36
		2498.5 (39675)	18.44	18.59	18.40	18.48
	1RB-Low (0)	2687.5 (41565)	18.75	18.88	18.66	18.65
		2640.3(41093)	18.75	18.90	18.68	18.52
		2593 (40620)	18.83	19.03	18.76	18.54
		2545.8(40148)	18.76	18.96	18.72	18.38
		2498.5 (39675)	18.40	18.61	18.37	18.41
	12RB-High (13)	2687.5 (41565)	18.69	18.74	18.75	18.50
		2640.3(41093)	18.71	18.74	18.79	18.30
		2593 (40620)	18.83	18.86	18.87	18.55
		2545.8(40148)	18.74	18.76	18.77	18.43
		2498.5 (39675)	18.41	18.42	18.45	18.56
	12RB-Middle (6)	2687.5 (41565)	18.68	18.67	18.74	18.41
		2640.3(41093)	18.67	18.71	18.73	18.33
		2593 (40620)	18.78	18.82	18.86	18.48
		2545.8(40148)	18.67	18.68	18.77	18.34
		2498.5 (39675)	18.34	18.39	18.41	18.56
	12RB-Low (0)	2687.5 (41565)	18.74	18.79	18.80	18.67
		2640.3(41093)	18.71	18.76	18.76	18.64
		2593 (40620)	18.82	18.84	18.91	18.61
		2545.8(40148)	18.74	18.77	18.84	18.48
		2498.5 (39675)	18.40	18.42	18.49	18.32
	25RB (0)	2687.5 (41565)	18.73	18.73	18.79	18.60
		2640.3(41093)	18.74	18.73	18.77	18.30
		2593 (40620)	18.85	18.88	18.87	18.31
		2545.8(40148)	18.77	18.75	18.80	18.46
		2498.5 (39675)	18.42	18.46	18.48	18.31

10MHz	1RB-High (49)	2685 (41540)	18.72	18.98	18.68	18.46
		2639(41080)	18.77	18.97	18.73	18.30
		2593 (40620)	18.76	19.02	18.73	18.36
		2547(40160)	18.79	19.00	18.70	18.67
		2501 (39700)	18.46	18.67	18.43	18.59
	1RB-Middle (24)	2685 (41540)	18.69	18.87	18.61	18.47
		2639(41080)	18.66	18.86	18.66	18.49
		2593 (40620)	18.84	19.07	18.75	18.31
		2547(40160)	18.67	18.84	18.67	18.32
		2501 (39700)	18.37	18.55	18.34	18.53
	1RB-Low (0)	2685 (41540)	18.75	18.94	18.68	18.59
		2639(41080)	18.80	18.96	18.77	18.34
		2593 (40620)	18.83	19.10	18.80	18.64
		2547(40160)	18.79	19.01	18.75	18.65
		2501 (39700)	18.41	18.69	18.37	18.44
	25RB-High (25)	2685 (41540)	18.69	18.70	18.79	18.30
		2639(41080)	18.74	18.78	18.82	18.47
		2593 (40620)	18.81	18.83	18.88	18.61
		2547(40160)	18.75	18.78	18.79	18.49
		2501 (39700)	18.43	18.49	18.52	18.39
	25RB-Middle (12)	2685 (41540)	18.67	18.72	18.75	18.44
		2639(41080)	18.70	18.69	18.74	18.68
		2593 (40620)	18.79	18.81	18.88	18.33
		2547(40160)	18.69	18.74	18.78	18.33
		2501 (39700)	18.38	18.40	18.46	18.60
	25RB-Low (0)	2685 (41540)	18.71	18.80	18.83	18.34
		2639(41080)	18.72	18.76	18.78	18.61
		2593 (40620)	18.86	18.90	18.92	18.38
		2547(40160)	18.72	18.73	18.81	18.52
		2501 (39700)	18.34	18.38	18.45	18.53
	50RB (0)	2685 (41540)	18.74	18.78	18.75	18.34
		2639(41080)	18.73	18.74	18.72	18.34
		2593 (40620)	18.85	18.89	18.87	18.48
		2547(40160)	18.72	18.74	18.76	18.36
		2501 (39700)	18.43	18.47	18.43	18.40

15MHz	1RB-High (74)	2682.5 (41515)	18.69	18.99	18.69	18.39
		2637.8(41068)	18.75	18.99	18.72	18.64
		2593 (40620)	18.83	19.02	18.77	18.62
		2548.3(40173)	18.73	18.96	18.74	18.47
		2503.5 (39725)	18.52	18.76	18.46	18.44
	1RB-Middle (37)	2682.5 (41515)	18.65	18.94	18.68	18.56
		2637.8(41068)	18.78	18.99	18.73	18.66
		2593 (40620)	18.93	19.16	18.87	18.37
		2548.3(40173)	18.79	18.99	18.79	18.68
		2503.5 (39725)	18.48	18.68	18.45	18.51
	1RB-Low (0)	2682.5 (41515)	18.74	19.03	18.74	18.42
		2637.8(41068)	18.83	19.02	18.76	18.32
		2593 (40620)	18.79	19.02	18.79	18.62
		2548.3(40173)	18.86	19.05	18.81	18.47
		2503.5 (39725)	18.47	18.69	18.43	18.40
	36RB-High (38)	2682.5 (41515)	18.74	18.71	18.75	18.59
		2637.8(41068)	18.74	18.74	18.77	18.61
		2593 (40620)	18.81	18.78	18.80	18.45
		2548.3(40173)	18.76	18.74	18.71	18.32
		2503.5 (39725)	18.46	18.45	18.48	18.67
	36RB-Middle (19)	2682.5 (41515)	18.72	18.74	18.76	18.47
		2637.8(41068)	18.72	18.74	18.75	18.41
		2593 (40620)	18.81	18.81	18.86	18.63
		2548.3(40173)	18.76	18.76	18.78	18.42
		2503.5 (39725)	18.42	18.43	18.45	18.36
	36RB-Low (0)	2682.5 (41515)	18.77	18.75	18.77	18.35
		2637.8(41068)	18.73	18.75	18.76	18.48
		2593 (40620)	18.84	18.84	18.83	18.41
		2548.3(40173)	18.77	18.78	18.76	18.62
		2503.5 (39725)	18.41	18.40	18.41	18.66
	75RB (0)	2682.5 (41515)	18.77	18.83	18.82	18.46
		2637.8(41068)	18.73	18.77	18.79	18.32
		2593 (40620)	18.82	18.85	18.86	18.67
		2548.3(40173)	18.82	18.84	18.84	18.34
		2503.5 (39725)	18.47	18.54	18.54	18.64

20MHz	1RB-High (99)	2680 (41490)	18.75	18.95	18.71	18.66
		2636.5(41055)	18.74	18.98	18.72	18.52
		2593 (40620)	18.78	19.00	18.73	18.31
		2549.5(40185)	18.73	19.01	18.72	18.55
		2506 (39750)	18.61	18.86	18.54	18.53
	1RB-Middle (50)	2680 (41490)	18.70	18.97	18.69	18.48
		2636.5(41055)	18.78	19.00	18.74	18.53
		2593 (40620)	18.89	19.10	18.85	18.69
		2549.5(40185)	18.80	19.00	18.81	18.39
		2506 (39750)	18.50	18.71	18.46	18.52
	1RB-Low (0)	2680 (41490)	18.74	19.10	18.71	18.31
		2636.5(41055)	18.80	19.02	18.74	18.44
		2593 (40620)	18.78	19.04	18.78	18.53
		2549.5(40185)	18.87	19.08	18.77	18.44
		2506 (39750)	18.45	18.69	18.43	18.53
	50RB-High (50)	2680 (41490)	18.80	18.81	18.79	18.67
		2636.5(41055)	18.81	18.83	18.86	18.70
		2593 (40620)	18.86	18.91	18.87	18.69
		2549.5(40185)	18.84	18.86	18.85	18.60
		2506 (39750)	18.54	18.60	18.57	18.35
	50RB-Middle (25)	2680 (41490)	18.82	18.84	18.86	18.42
		2636.5(41055)	18.78	18.80	18.81	18.34
		2593 (40620)	18.89	18.92	18.94	18.67
		2549.5(40185)	18.82	18.86	18.86	18.60
		2506 (39750)	18.48	18.51	18.52	18.51
	50RB-Low (0)	2680 (41490)	18.89	18.90	18.89	18.33
		2636.5(41055)	18.82	18.84	18.84	18.43
		2593 (40620)	18.90	18.95	18.97	18.31
		2549.5(40185)	18.82	18.87	18.85	18.41
		2506 (39750)	18.46	18.51	18.50	18.64
	100RB (0)	2680 (41490)	18.84	18.86	18.85	18.31
		2636.5(41055)	18.79	18.82	18.82	18.38
		2593 (40620)	18.87	18.89	18.93	18.41
		2549.5(40185)	18.86	18.85	18.87	18.35
		2506 (39750)	18.53	18.56	18.51	18.68

LTE Band41-PC2(ANT7 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.80	19.96	19.77	19.82
		2640.3(41093)	19.81	19.98	19.75	19.81
		2593 (40620)	19.91	20.04	19.87	19.92
		2545.8(40148)	19.75	19.92	19.73	19.78
		2498.5 (39675)	19.81	19.97	19.77	19.82
	1RB-Middle (12)	2687.5 (41565)	19.81	19.94	19.73	19.78
		2640.3(41093)	19.85	19.92	19.75	19.81
		2593 (40620)	19.93	20.04	19.88	19.93
		2545.8(40148)	19.76	19.90	19.64	19.68
		2498.5 (39675)	19.75	19.87	19.61	19.67
	1RB-Low (0)	2687.5 (41565)	19.82	20.00	19.76	19.81
		2640.3(41093)	19.82	19.98	19.79	19.86
		2593 (40620)	19.95	20.12	19.92	19.97
		2545.8(40148)	19.75	19.94	19.72	19.77
		2498.5 (39675)	19.72	19.91	19.71	19.76
	12RB-High (13)	2687.5 (41565)	19.78	19.80	19.79	19.86
		2640.3(41093)	19.76	19.77	19.78	19.83
		2593 (40620)	19.85	19.88	19.94	19.99
		2545.8(40148)	19.69	19.71	19.73	19.78
		2498.5 (39675)	19.74	19.76	19.76	19.81
	12RB-Middle (6)	2687.5 (41565)	19.79	19.74	19.79	19.86
		2640.3(41093)	19.70	19.73	19.79	19.86
		2593 (40620)	19.85	19.85	19.93	19.98
		2545.8(40148)	19.69	19.73	19.78	19.84
		2498.5 (39675)	19.68	19.65	19.72	19.77
	12RB-Low (0)	2687.5 (41565)	19.81	19.80	19.87	19.92
		2640.3(41093)	19.76	19.79	19.82	19.87
		2593 (40620)	19.93	19.94	20.03	20.08
		2545.8(40148)	19.74	19.73	19.83	19.87
		2498.5 (39675)	19.70	19.73	19.77	19.82
	25RB (0)	2687.5 (41565)	19.81	19.79	19.83	19.87
		2640.3(41093)	19.79	19.76	19.82	19.87
		2593 (40620)	19.87	19.91	19.93	19.98
		2545.8(40148)	19.74	19.70	19.76	19.81
		2498.5 (39675)	19.74	19.75	19.76	19.81

10MHz	1RB-High (49)	2685 (41540)	19.72	19.88	19.73	19.95
		2639(41080)	19.81	19.93	19.77	19.99
		2593 (40620)	20.04	20.14	19.96	20.19
		2547(40160)	19.90	20.05	20.03	20.25
		2501 (39700)	19.74	19.85	20.05	20.27
	1RB-Middle (24)	2685 (41540)	19.68	19.80	19.59	19.81
		2639(41080)	19.69	19.80	19.72	19.94
		2593 (40620)	19.98	20.05	19.92	20.14
		2547(40160)	19.80	19.93	20.01	20.23
		2501 (39700)	19.62	19.73	20.03	20.25
	1RB-Low (0)	2685 (41540)	19.76	19.91	19.77	19.99
		2639(41080)	19.79	19.96	19.82	20.04
		2593 (40620)	20.01	20.19	20.05	20.27
		2547(40160)	19.91	20.04	19.99	20.21
		2501 (39700)	19.63	19.86	20.01	20.23
	25RB-High (25)	2685 (41540)	19.69	19.68	19.81	20.03
		2639(41080)	19.74	19.69	19.82	20.04
		2593 (40620)	19.91	19.87	20.01	20.23
		2547(40160)	19.89	19.85	20.14	20.36
		2501 (39700)	19.67	19.61	20.00	20.22
	25RB-Middle (12)	2685 (41540)	19.67	19.62	19.77	19.99
		2639(41080)	19.70	19.69	19.79	20.01
		2593 (40620)	19.92	19.86	19.99	20.21
		2547(40160)	19.84	19.79	20.14	20.36
		2501 (39700)	19.61	19.59	20.11	20.33
	25RB-Low (0)	2685 (41540)	19.70	19.69	19.81	20.03
		2639(41080)	19.72	19.71	19.84	20.06
		2593 (40620)	19.97	19.96	20.06	20.28
		2547(40160)	19.90	19.87	20.17	20.39
		2501 (39700)	19.65	19.62	20.14	20.36
	50RB (0)	2685 (41540)	19.70	19.69	19.77	19.99
		2639(41080)	19.74	19.70	19.78	20.00
		2593 (40620)	19.95	19.94	19.95	20.17
		2547(40160)	19.89	19.87	20.05	20.27
		2501 (39700)	19.67	19.63	19.95	20.17

15MHz	1RB-High (74)	2682.5 (41515)	19.97	19.87	19.72	19.94
		2637.8(41068)	19.84	19.94	19.79	20.01
		2593 (40620)	19.98	20.11	20.07	20.30
		2548.3(40173)	19.97	20.14	19.95	20.17
		2503.5 (39725)	19.74	19.86	19.72	19.94
	1RB-Middle (37)	2682.5 (41515)	19.97	19.83	19.69	19.90
		2637.8(41068)	19.75	19.88	19.78	20.00
		2593 (40620)	19.97	20.06	20.03	20.25
		2548.3(40173)	19.89	20.00	19.87	20.09
		2503.5 (39725)	19.70	19.79	19.67	19.89
	1RB-Low (0)	2682.5 (41515)	19.97	19.96	19.81	20.03
		2637.8(41068)	19.89	20.03	19.89	20.11
		2593 (40620)	19.97	20.20	20.05	20.27
		2548.3(40173)	19.91	20.05	19.92	20.14
		2503.5 (39725)	19.69	19.85	19.67	19.89
	36RB-High (38)	2682.5 (41515)	19.89	19.64	19.70	19.92
		2637.8(41068)	19.73	19.67	19.77	19.99
		2593 (40620)	19.90	19.85	19.95	20.17
		2548.3(40173)	19.91	19.83	19.93	20.15
		2503.5 (39725)	19.68	19.59	19.72	19.94
	36RB-Middle (19)	2682.5 (41515)	19.97	19.63	19.73	19.95
		2637.8(41068)	19.68	19.65	19.75	19.97
		2593 (40620)	19.97	19.80	19.90	20.12
		2548.3(40173)	19.85	19.79	19.86	20.08
		2503.5 (39725)	19.63	19.58	19.69	19.90
	36RB-Low (0)	2682.5 (41515)	20.01	19.68	19.76	19.98
		2637.8(41068)	19.73	19.68	19.78	20.00
		2593 (40620)	20.02	19.91	20.00	20.22
		2548.3(40173)	19.89	19.81	19.92	20.14
		2503.5 (39725)	19.62	19.57	19.66	19.88
	75RB (0)	2682.5 (41515)	19.97	19.69	19.76	19.98
		2637.8(41068)	19.74	19.73	19.79	20.01
		2593 (40620)	19.98	19.96	20.03	20.25
		2548.3(40173)	19.89	19.88	19.95	20.17
		2503.5 (39725)	19.68	19.62	19.71	19.93

20MHz	1RB-High (99)	2680 (41490)	19.78	20.00	19.78	19.83
		2636.5(41055)	19.86	20.07	19.96	20.01
		2593 (40620)	19.99	20.16	19.97	20.02
		2549.5(40185)	20.03	20.23	20.01	20.06
		2506 (39750)	19.70	19.92	19.72	19.77
	1RB-Middle (50)	2680 (41490)	19.74	19.94	19.70	19.75
		2636.5(41055)	19.84	20.05	19.83	19.88
		2593 (40620)	20.06	20.21	19.99	20.04
		2549.5(40185)	19.98	20.11	19.93	19.98
		2506 (39750)	19.63	19.80	19.60	19.65
	1RB-Low (0)	2680 (41490)	19.87	20.07	19.83	19.88
		2636.5(41055)	20.00	20.19	19.99	20.04
		2593 (40620)	20.08	20.27	20.05	20.10
		2549.5(40185)	20.06	20.21	20.01	20.06
		2506 (39750)	19.69	19.85	19.64	19.69
	50RB-High (50)	2680 (41490)	19.83	19.83	19.79	19.84
		2636.5(41055)	19.87	19.87	19.87	19.92
		2593 (40620)	20.03	20.01	20.01	20.06
		2549.5(40185)	19.98	20.05	20.06	20.11
		2506 (39750)	19.69	19.68	19.72	19.77
	50RB-Middle (25)	2680 (41490)	19.81	19.82	19.81	19.86
		2636.5(41055)	19.86	19.89	19.90	19.95
		2593 (40620)	20.03	20.04	20.04	20.09
		2549.5(40185)	19.93	20.00	20.01	20.06
		2506 (39750)	19.65	19.64	19.66	19.71
	50RB-Low (0)	2680 (41490)	19.85	19.87	19.87	19.92
		2636.5(41055)	19.90	19.91	19.93	19.98
		2593 (40620)	20.06	20.09	20.09	20.14
		2549.5(40185)	19.99	20.01	20.03	20.08
		2506 (39750)	19.74	19.65	19.65	19.70
	100RB (0)	2680 (41490)	19.81	19.82	19.82	19.87
		2636.5(41055)	19.85	19.89	19.87	19.92
		2593 (40620)	20.03	20.03	20.04	20.09
		2549.5(40185)	20.00	20.00	20.02	20.07
		2506 (39750)	19.63	19.66	19.64	19.69

LTE Band41-PC2(ANT7 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	16.30	16.51	16.27	16.18
		2640.3(41093)	16.31	16.53	16.25	16.17
		2593 (40620)	16.39	16.58	16.35	16.26
		2545.8(40148)	16.26	16.48	16.24	16.15
		2498.5 (39675)	16.31	16.52	16.27	16.18
	1RB-Middle (12)	2687.5 (41565)	16.31	16.50	16.24	16.15
		2640.3(41093)	16.34	16.48	16.25	16.17
		2593 (40620)	16.41	16.58	16.36	16.27
		2545.8(40148)	16.27	16.46	16.16	16.07
		2498.5 (39675)	16.26	16.44	16.14	16.06
	1RB-Low (0)	2687.5 (41565)	16.32	16.55	16.26	16.17
		2640.3(41093)	16.32	16.53	16.29	16.21
		2593 (40620)	16.42	16.65	16.39	16.30
		2545.8(40148)	16.26	16.50	16.23	16.14
		2498.5 (39675)	16.23	16.47	16.22	16.13
	12RB-High (13)	2687.5 (41565)	16.28	16.38	16.29	16.21
		2640.3(41093)	16.27	16.36	16.28	16.19
		2593 (40620)	16.34	16.45	16.41	16.32
		2545.8(40148)	16.21	16.31	16.24	16.15
		2498.5 (39675)	16.25	16.35	16.26	16.17
	12RB-Middle (6)	2687.5 (41565)	16.29	16.33	16.29	16.21
		2640.3(41093)	16.22	16.32	16.29	16.21
		2593 (40620)	16.34	16.42	16.40	16.31
		2545.8(40148)	16.21	16.32	16.28	16.20
		2498.5 (39675)	16.20	16.26	16.23	16.14
	12RB-Low (0)	2687.5 (41565)	16.31	16.38	16.35	16.26
		2640.3(41093)	16.27	16.37	16.31	16.22
		2593 (40620)	16.41	16.50	16.48	16.39
		2545.8(40148)	16.25	16.32	16.32	16.22
		2498.5 (39675)	16.22	16.32	16.27	16.18
	25RB (0)	2687.5 (41565)	16.31	16.37	16.32	16.22
		2640.3(41093)	16.29	16.35	16.31	16.22
		2593 (40620)	16.36	16.47	16.40	16.31
		2545.8(40148)	16.25	16.30	16.26	16.17
		2498.5 (39675)	16.25	16.34	16.26	16.17

10MHz	1RB-High (49)	2685 (41540)	16.23	16.45	16.24	16.29
		2639(41080)	16.31	16.49	16.27	16.32
		2593 (40620)	16.50	16.66	16.43	16.48
		2547(40160)	16.38	16.59	16.48	16.53
		2501 (39700)	16.25	16.42	16.50	16.55
	1RB-Middle (24)	2685 (41540)	16.20	16.38	16.12	16.17
		2639(41080)	16.21	16.38	16.23	16.28
		2593 (40620)	16.45	16.59	16.39	16.44
		2547(40160)	16.30	16.49	16.47	16.52
		2501 (39700)	16.15	16.32	16.48	16.53
	1RB-Low (0)	2685 (41540)	16.27	16.47	16.27	16.32
		2639(41080)	16.29	16.51	16.31	16.36
		2593 (40620)	16.47	16.70	16.50	16.55
		2547(40160)	16.39	16.58	16.45	16.50
		2501 (39700)	16.16	16.43	16.47	16.52
	25RB-High (25)	2685 (41540)	16.21	16.28	16.30	16.35
		2639(41080)	16.25	16.29	16.31	16.36
		2593 (40620)	16.39	16.44	16.47	16.52
		2547(40160)	16.37	16.42	16.57	16.62
		2501 (39700)	16.19	16.22	16.46	16.51
	25RB-Middle (12)	2685 (41540)	16.19	16.23	16.27	16.32
		2639(41080)	16.22	16.29	16.29	16.34
		2593 (40620)	16.40	16.43	16.45	16.50
		2547(40160)	16.33	16.37	16.57	16.62
		2501 (39700)	16.14	16.21	16.55	16.60
	25RB-Low (0)	2685 (41540)	16.22	16.29	16.30	16.35
		2639(41080)	16.23	16.31	16.33	16.38
		2593 (40620)	16.44	16.51	16.51	16.56
		2547(40160)	16.38	16.44	16.60	16.65
		2501 (39700)	16.18	16.23	16.57	16.62
	50RB (0)	2685 (41540)	16.22	16.29	16.27	16.32
		2639(41080)	16.25	16.30	16.28	16.33
		2593 (40620)	16.42	16.50	16.42	16.47
		2547(40160)	16.37	16.44	16.50	16.55
		2501 (39700)	16.19	16.24	16.42	16.47

15MHz	1RB-High (74)	2682.5 (41515)	16.44	16.44	16.23	16.28
		2637.8(41068)	16.33	16.50	16.29	16.34
		2593 (40620)	16.45	16.64	16.52	16.57
		2548.3(40173)	16.44	16.66	16.42	16.47
		2503.5 (39725)	16.25	16.43	16.23	16.28
	1RB-Middle (37)	2682.5 (41515)	16.44	16.41	16.20	16.25
		2637.8(41068)	16.26	16.45	16.28	16.33
		2593 (40620)	16.44	16.60	16.48	16.53
		2548.3(40173)	16.37	16.55	16.35	16.40
		2503.5 (39725)	16.22	16.37	16.19	16.24
	1RB-Low (0)	2682.5 (41515)	16.44	16.51	16.30	16.35
		2637.8(41068)	16.37	16.57	16.37	16.42
		2593 (40620)	16.44	16.71	16.50	16.55
		2548.3(40173)	16.39	16.59	16.39	16.44
		2503.5 (39725)	16.21	16.42	16.19	16.24
	36RB-High (38)	2682.5 (41515)	16.37	16.25	16.21	16.26
		2637.8(41068)	16.24	16.27	16.27	16.32
		2593 (40620)	16.38	16.42	16.42	16.47
		2548.3(40173)	16.39	16.41	16.40	16.45
		2503.5 (39725)	16.20	16.21	16.23	16.28
	36RB-Middle (19)	2682.5 (41515)	16.44	16.24	16.24	16.29
		2637.8(41068)	16.20	16.26	16.25	16.30
		2593 (40620)	16.44	16.38	16.38	16.43
		2548.3(40173)	16.34	16.37	16.34	16.39
		2503.5 (39725)	16.16	16.20	16.20	16.25
	36RB-Low (0)	2682.5 (41515)	16.47	16.28	16.26	16.31
		2637.8(41068)	16.24	16.28	16.28	16.33
		2593 (40620)	16.48	16.47	16.46	16.51
		2548.3(40173)	16.37	16.39	16.39	16.44
		2503.5 (39725)	16.15	16.19	16.18	16.23
	75RB (0)	2682.5 (41515)	16.44	16.29	16.26	16.31
		2637.8(41068)	16.25	16.32	16.29	16.34
		2593 (40620)	16.45	16.51	16.48	16.53
		2548.3(40173)	16.37	16.45	16.42	16.47
		2503.5 (39725)	16.20	16.23	16.22	16.27

20MHz	1RB-High (99)	2680 (41490)	16.38	16.59	16.35	16.16
		2636.5(41055)	16.46	16.69	16.45	16.22
		2593 (40620)	16.35	16.56	16.33	16.33
		2549.5(40185)	16.50	16.72	16.46	16.37
		2506 (39750)	16.18	16.44	16.19	16.11
	1RB-Middle (50)	2680 (41490)	16.28	16.52	16.28	16.13
		2636.5(41055)	16.33	16.55	16.33	16.19
		2593 (40620)	16.33	16.55	16.31	16.36
		2549.5(40185)	16.50	16.69	16.48	16.33
		2506 (39750)	16.06	16.26	16.06	16.00
	1RB-Low (0)	2680 (41490)	16.40	16.69	16.44	16.21
		2636.5(41055)	16.50	16.72	16.47	16.33
		2593 (40620)	16.42	16.65	16.41	16.40
		2549.5(40185)	16.53	16.77	16.50	16.41
		2506 (39750)	16.15	16.37	16.12	16.04
	50RB-High (50)	2680 (41490)	16.38	16.41	16.43	16.21
		2636.5(41055)	16.42	16.47	16.46	16.25
		2593 (40620)	16.35	16.37	16.38	16.40
		2549.5(40185)	16.57	16.59	16.58	16.42
		2506 (39750)	16.15	16.17	16.18	16.10
	50RB-Middle (25)	2680 (41490)	16.36	16.41	16.40	16.19
		2636.5(41055)	16.39	16.42	16.44	16.28
		2593 (40620)	16.37	16.38	16.39	16.40
		2549.5(40185)	16.55	16.58	16.58	16.38
		2506 (39750)	16.10	16.14	16.16	16.04
	50RB-Low (0)	2680 (41490)	16.43	16.47	16.44	16.23
		2636.5(41055)	16.44	16.45	16.46	16.31
		2593 (40620)	16.42	16.43	16.43	16.45
		2549.5(40185)	16.53	16.57	16.57	16.39
		2506 (39750)	16.12	16.18	16.14	16.03
	100RB (0)	2680 (41490)	16.39	16.41	16.40	16.21
		2636.5(41055)	16.46	16.46	16.48	16.27
		2593 (40620)	16.38	16.38	16.39	16.39
		2549.5(40185)	16.54	16.57	16.58	16.39
		2506 (39750)	16.13	16.18	16.15	16.08

LTE Band41-PC2(ANT4 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.30	19.44	19.27	18.05
		2640.3(41093)	19.31	19.48	19.34	18.09
		2593 (40620)	19.50	19.67	19.51	18.26
		2545.8(40148)	19.39	19.52	19.42	18.12
		2498.5 (39675)	19.67	19.79	19.65	18.37
	1RB-Middle (12)	2687.5 (41565)	19.27	19.36	19.22	17.98
		2640.3(41093)	19.38	19.42	19.26	18.03
		2593 (40620)	19.55	19.68	19.55	18.27
		2545.8(40148)	19.35	19.49	19.37	18.10
		2498.5 (39675)	19.73	19.82	19.62	18.40
	1RB-Low (0)	2687.5 (41565)	19.28	19.46	19.29	18.07
		2640.3(41093)	19.34	19.50	19.35	18.11
		2593 (40620)	19.54	19.70	19.57	18.29
		2545.8(40148)	19.41	19.58	19.42	18.18
		2498.5 (39675)	19.75	19.93	19.77	18.50
	12RB-High (13)	2687.5 (41565)	19.24	19.27	19.33	17.89
		2640.3(41093)	19.29	19.33	19.37	17.95
		2593 (40620)	19.45	19.50	19.51	18.11
		2545.8(40148)	19.38	19.38	19.43	17.99
		2498.5 (39675)	19.62	19.65	19.69	18.24
	12RB-Middle (6)	2687.5 (41565)	19.22	19.30	19.34	17.92
		2640.3(41093)	19.25	19.29	19.33	17.91
		2593 (40620)	19.44	19.50	19.56	18.11
		2545.8(40148)	19.33	19.37	19.42	17.99
		2498.5 (39675)	19.66	19.68	19.75	18.27
	12RB-Low (0)	2687.5 (41565)	19.28	19.31	19.38	17.93
		2640.3(41093)	19.29	19.35	19.41	17.97
		2593 (40620)	19.50	19.55	19.61	18.15
		2545.8(40148)	19.40	19.45	19.49	18.06
		2498.5 (39675)	19.71	19.77	19.83	18.36
	25RB (0)	2687.5 (41565)	19.29	19.31	19.37	17.93
		2640.3(41093)	19.31	19.30	19.36	17.92
		2593 (40620)	19.50	19.49	19.55	18.10
		2545.8(40148)	19.41	19.42	19.46	18.03
		2498.5 (39675)	19.72	19.72	19.76	18.31

10MHz	1RB-High (49)	2685 (41540)	19.29	19.50	19.29	18.11
		2639(41080)	19.33	19.55	19.36	18.15
		2593 (40620)	19.51	19.72	19.53	18.31
		2547(40160)	19.40	19.59	19.42	18.19
		2501 (39700)	19.55	19.72	19.56	18.31
	1RB-Middle (24)	2685 (41540)	19.22	19.38	19.20	17.99
		2639(41080)	19.25	19.40	19.28	18.01
		2593 (40620)	19.45	19.63	19.50	18.23
		2547(40160)	19.33	19.49	19.35	18.10
		2501 (39700)	19.59	19.72	19.56	18.31
	1RB-Low (0)	2685 (41540)	19.31	19.53	19.31	18.13
		2639(41080)	19.38	19.60	19.41	18.20
		2593 (40620)	19.58	19.75	19.59	18.34
		2547(40160)	19.48	19.67	19.48	18.26
		2501 (39700)	19.78	19.97	19.77	18.54
	25RB-High (25)	2685 (41540)	19.26	19.27	19.36	17.89
		2639(41080)	19.30	19.31	19.38	17.93
		2593 (40620)	19.45	19.48	19.55	18.09
		2547(40160)	19.35	19.40	19.46	18.01
		2501 (39700)	19.55	19.56	19.63	18.16
	25RB-Middle (12)	2685 (41540)	19.19	19.25	19.32	17.87
		2639(41080)	19.24	19.29	19.37	17.91
		2593 (40620)	19.45	19.49	19.56	18.10
		2547(40160)	19.30	19.37	19.44	17.99
		2501 (39700)	19.57	19.59	19.66	18.19
	25RB-Low (0)	2685 (41540)	19.25	19.28	19.35	17.90
		2639(41080)	19.29	19.32	19.40	17.94
		2593 (40620)	19.51	19.54	19.62	18.14
		2547(40160)	19.38	19.41	19.50	18.02
		2501 (39700)	19.67	19.67	19.74	18.26
	50RB (0)	2685 (41540)	19.24	19.30	19.29	17.92
		2639(41080)	19.29	19.33	19.33	17.95
		2593 (40620)	19.47	19.53	19.50	18.13
		2547(40160)	19.38	19.42	19.41	18.03
		2501 (39700)	19.58	19.65	19.64	18.24

15MHz	1RB-High (74)	2682.5 (41515)	19.25	19.42	19.23	18.03
		2637.8(41068)	19.31	19.48	19.28	18.09
		2593 (40620)	19.47	19.63	19.43	18.23
		2548.3(40173)	19.41	19.56	19.37	18.16
		2503.5 (39725)	19.44	19.53	19.37	18.13
	1RB-Middle (37)	2682.5 (41515)	19.19	19.34	19.15	17.96
		2637.8(41068)	19.29	19.42	19.27	18.03
		2593 (40620)	19.49	19.60	19.45	18.20
		2548.3(40173)	19.35	19.48	19.29	18.09
		2503.5 (39725)	19.55	19.66	19.48	18.25
	1RB-Low (0)	2682.5 (41515)	19.30	19.50	19.26	18.11
		2637.8(41068)	19.38	19.59	19.39	18.19
		2593 (40620)	19.53	19.68	19.53	18.27
		2548.3(40173)	19.45	19.59	19.40	18.19
		2503.5 (39725)	19.71	19.88	19.70	18.46
	36RB-High (38)	2682.5 (41515)	19.18	19.19	19.23	17.82
		2637.8(41068)	19.26	19.24	19.27	17.86
		2593 (40620)	19.41	19.40	19.42	18.01
		2548.3(40173)	19.34	19.33	19.34	17.95
		2503.5 (39725)	19.43	19.43	19.43	18.04
	36RB-Middle (19)	2682.5 (41515)	19.17	19.18	19.22	17.81
		2637.8(41068)	19.24	19.24	19.28	17.86
		2593 (40620)	19.36	19.36	19.39	17.98
		2548.3(40173)	19.27	19.27	19.30	17.89
		2503.5 (39725)	19.45	19.47	19.48	18.08
	36RB-Low (0)	2682.5 (41515)	19.22	19.21	19.22	17.84
		2637.8(41068)	19.27	19.25	19.26	17.87
		2593 (40620)	19.45	19.48	19.45	18.09
		2548.3(40173)	19.33	19.33	19.35	17.95
		2503.5 (39725)	19.53	19.55	19.54	18.15
	75RB (0)	2682.5 (41515)	19.20	19.25	19.26	17.87
		2637.8(41068)	19.26	19.31	19.32	17.93
		2593 (40620)	19.45	19.51	19.48	18.11
		2548.3(40173)	19.32	19.38	19.36	17.99
		2503.5 (39725)	19.47	19.53	19.50	18.13

20MHz	1RB-High (99)	2680 (41490)	19.28	19.44	19.23	18.05
		2636.5(41055)	19.28	19.45	19.25	18.06
		2593 (40620)	19.43	19.59	19.39	18.19
		2549.5(40185)	19.43	19.65	19.41	18.24
		2506 (39750)	19.38	19.54	19.34	18.14
	1RB-Middle (50)	2680 (41490)	19.19	19.32	19.14	17.94
		2636.5(41055)	19.28	19.43	19.24	18.04
		2593 (40620)	19.45	19.60	19.44	18.20
		2549.5(40185)	19.35	19.52	19.32	18.12
		2506 (39750)	19.37	19.52	19.35	18.12
	1RB-Low (0)	2680 (41490)	19.28	19.49	19.25	18.10
		2636.5(41055)	19.42	19.57	19.40	18.17
		2593 (40620)	19.64	19.71	19.50	18.30
		2549.5(40185)	19.46	19.62	19.44	18.22
		2506 (39750)	19.52	19.79	19.61	18.37
	50RB-High (50)	2680 (41490)	19.23	19.26	19.27	17.88
		2636.5(41055)	19.30	19.29	19.30	17.91
		2593 (40620)	19.42	19.42	19.42	18.03
		2549.5(40185)	19.41	19.40	19.44	18.01
		2506 (39750)	19.36	19.39	19.35	18.00
	50RB-Middle (25)	2680 (41490)	19.23	19.25	19.26	17.87
		2636.5(41055)	19.29	19.30	19.29	17.92
		2593 (40620)	19.43	19.47	19.46	18.08
		2549.5(40185)	19.35	19.39	19.38	18.00
		2506 (39750)	19.37	19.39	19.40	18.00
	50RB-Low (0)	2680 (41490)	19.26	19.28	19.29	17.90
		2636.5(41055)	19.30	19.36	19.34	17.98
		2593 (40620)	19.48	19.49	19.50	18.10
		2549.5(40185)	19.39	19.45	19.42	18.06
		2506 (39750)	19.46	19.51	19.49	18.11
	100RB (0)	2680 (41490)	19.23	19.26	19.27	17.88
		2636.5(41055)	19.29	19.31	19.30	17.93
		2593 (40620)	19.43	19.45	19.45	18.06
		2549.5(40185)	19.39	19.42	19.43	18.03
		2506 (39750)	19.40	19.43	19.42	18.04

LTE Band41-PC2(ANT4 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.04	18.20	18.03	17.92
		2640.3(41093)	18.05	18.22	18.09	17.98
		2593 (40620)	18.23	18.43	18.23	18.12
		2545.8(40148)	18.12	18.29	18.15	18.04
		2498.5 (39675)	18.40	18.59	18.42	18.31
	1RB-Middle (12)	2687.5 (41565)	18.01	18.13	17.93	17.82
		2640.3(41093)	18.11	18.20	18.06	17.95
		2593 (40620)	18.38	18.41	18.24	18.13
		2545.8(40148)	18.11	18.23	18.05	17.94
		2498.5 (39675)	18.48	18.57	18.44	18.33
	1RB-Low (0)	2687.5 (41565)	18.03	18.22	18.04	17.93
		2640.3(41093)	18.10	18.26	18.11	18.00
		2593 (40620)	18.28	18.45	18.31	18.20
		2545.8(40148)	18.16	18.32	18.17	18.06
		2498.5 (39675)	18.52	18.65	18.51	18.40
	12RB-High (13)	2687.5 (41565)	17.98	18.04	18.07	17.96
		2640.3(41093)	18.03	18.07	18.12	18.01
		2593 (40620)	18.20	18.26	18.29	18.18
		2545.8(40148)	18.11	18.15	18.21	18.10
		2498.5 (39675)	18.36	18.41	18.46	18.35
	12RB-Middle (6)	2687.5 (41565)	17.99	18.04	18.08	17.97
		2640.3(41093)	18.00	18.04	18.09	17.98
		2593 (40620)	18.21	18.21	18.28	18.17
		2545.8(40148)	18.08	18.11	18.17	18.06
		2498.5 (39675)	18.40	18.42	18.47	18.36
	12RB-Low (0)	2687.5 (41565)	18.04	18.07	18.14	18.03
		2640.3(41093)	18.06	18.12	18.16	18.05
		2593 (40620)	18.25	18.27	18.34	18.23
		2545.8(40148)	18.14	18.20	18.24	18.13
		2498.5 (39675)	18.47	18.53	18.58	18.47
	25RB (0)	2687.5 (41565)	18.03	18.05	18.11	18.00
		2640.3(41093)	18.05	18.06	18.13	18.02
		2593 (40620)	18.22	18.25	18.29	18.18
		2545.8(40148)	18.14	18.15	18.19	18.08
		2498.5 (39675)	18.47	18.47	18.53	18.42

10MHz	1RB-High (49)	2685 (41540)	18.08	18.25	18.04	17.93
		2639(41080)	18.14	18.30	18.12	18.01
		2593 (40620)	18.28	18.47	18.25	18.14
		2547(40160)	18.15	18.35	18.17	18.06
		2501 (39700)	18.30	18.50	18.31	18.20
	1RB-Middle (24)	2685 (41540)	17.99	18.14	17.93	17.82
		2639(41080)	18.03	18.19	18.04	17.93
		2593 (40620)	18.26	18.38	18.23	18.12
		2547(40160)	18.12	18.28	18.09	17.98
		2501 (39700)	18.34	18.51	18.31	18.20
	1RB-Low (0)	2685 (41540)	18.08	18.26	18.04	17.93
		2639(41080)	18.16	18.35	18.17	18.06
		2593 (40620)	18.33	18.52	18.33	18.22
		2547(40160)	18.21	18.40	18.20	18.09
		2501 (39700)	18.54	18.70	18.54	18.43
	25RB-High (25)	2685 (41540)	18.01	18.02	18.10	17.99
		2639(41080)	18.06	18.06	18.13	18.02
		2593 (40620)	18.22	18.24	18.31	18.20
		2547(40160)	18.12	18.15	18.22	18.11
		2501 (39700)	18.29	18.29	18.36	18.25
	25RB-Middle (12)	2685 (41540)	17.97	18.01	18.07	17.96
		2639(41080)	18.04	18.04	18.12	18.01
		2593 (40620)	18.21	18.22	18.31	18.20
		2547(40160)	18.07	18.09	18.19	18.08
		2501 (39700)	18.33	18.34	18.42	18.31
	25RB-Low (0)	2685 (41540)	18.00	18.02	18.11	18.00
		2639(41080)	18.05	18.09	18.13	18.02
		2593 (40620)	18.27	18.31	18.36	18.25
		2547(40160)	18.14	18.15	18.21	18.10
		2501 (39700)	18.43	18.44	18.51	18.40
	50RB (0)	2685 (41540)	18.01	18.06	18.03	17.92
		2639(41080)	18.07	18.12	18.08	17.97
		2593 (40620)	18.24	18.29	18.27	18.16
		2547(40160)	18.14	18.19	18.14	18.03
		2501 (39700)	18.37	18.41	18.40	18.29

15MHz	1RB-High (74)	2682.5 (41515)	18.08	18.25	18.03	17.92
		2637.8(41068)	18.13	18.30	18.10	17.99
		2593 (40620)	18.29	18.44	18.25	18.14
		2548.3(40173)	18.19	18.37	18.16	18.05
		2503.5 (39725)	18.24	18.37	18.22	18.11
	1RB-Middle (37)	2682.5 (41515)	17.98	18.15	17.95	17.84
		2637.8(41068)	18.09	18.22	18.06	17.95
		2593 (40620)	18.32	18.42	18.27	18.16
		2548.3(40173)	18.11	18.28	18.09	17.98
		2503.5 (39725)	18.32	18.50	18.30	18.19
	1RB-Low (0)	2682.5 (41515)	18.10	18.26	18.07	17.96
		2637.8(41068)	18.21	18.37	18.18	18.07
		2593 (40620)	18.36	18.50	18.32	18.21
		2548.3(40173)	18.25	18.39	18.22	18.11
		2503.5 (39725)	18.54	18.68	18.47	18.36
	36RB-High (38)	2682.5 (41515)	18.01	17.99	18.01	17.90
		2637.8(41068)	18.07	18.03	18.07	17.96
		2593 (40620)	18.23	18.22	18.23	18.12
		2548.3(40173)	18.10	18.11	18.15	18.04
		2503.5 (39725)	18.22	18.21	18.24	18.13
	36RB-Middle (19)	2682.5 (41515)	17.98	18.00	18.00	17.89
		2637.8(41068)	18.04	18.02	18.06	17.95
		2593 (40620)	18.18	18.17	18.20	18.09
		2548.3(40173)	18.08	18.09	18.09	17.98
		2503.5 (39725)	18.28	18.28	18.27	18.16
	36RB-Low (0)	2682.5 (41515)	18.01	18.02	18.02	17.91
		2637.8(41068)	18.07	18.07	18.05	17.94
		2593 (40620)	18.27	18.24	18.25	18.14
		2548.3(40173)	18.13	18.13	18.15	18.04
		2503.5 (39725)	18.32	18.33	18.36	18.25
	75RB (0)	2682.5 (41515)	18.00	18.06	18.07	17.96
		2637.8(41068)	18.07	18.11	18.10	17.99
		2593 (40620)	18.26	18.28	18.27	18.16
		2548.3(40173)	18.11	18.18	18.16	18.05
		2503.5 (39725)	18.30	18.34	18.31	18.20

20MHz	1RB-High (99)	2680 (41490)	17.97	18.17	17.96	17.85
		2636.5(41055)	18.02	18.20	18.00	17.89
		2593 (40620)	18.17	18.36	18.15	18.04
		2549.5(40185)	18.16	18.32	18.16	18.05
		2506 (39750)	18.10	18.25	18.08	17.97
	1RB-Middle (50)	2680 (41490)	17.89	18.11	17.84	17.73
		2636.5(41055)	17.99	18.17	17.98	17.87
		2593 (40620)	18.19	18.35	18.20	18.09
		2549.5(40185)	18.07	18.25	18.05	17.94
		2506 (39750)	18.09	18.29	18.06	17.95
	1RB-Low (0)	2680 (41490)	18.12	18.22	17.98	17.87
		2636.5(41055)	18.22	18.32	18.14	18.03
		2593 (40620)	18.25	18.43	18.24	18.13
		2549.5(40185)	18.20	18.39	18.18	18.07
		2506 (39750)	18.21	18.56	18.35	18.24
	50RB-High (50)	2680 (41490)	17.98	17.98	17.96	17.85
		2636.5(41055)	18.04	18.05	18.03	17.92
		2593 (40620)	18.15	18.17	18.17	18.06
		2549.5(40185)	18.14	18.14	18.16	18.05
		2506 (39750)	18.10	18.12	18.10	17.99
	50RB-Middle (25)	2680 (41490)	17.95	17.98	17.97	17.86
		2636.5(41055)	18.04	18.04	18.06	17.95
		2593 (40620)	18.17	18.19	18.22	18.11
		2549.5(40185)	18.09	18.09	18.10	17.99
		2506 (39750)	18.12	18.12	18.14	18.03
	50RB-Low (0)	2680 (41490)	18.00	18.02	18.01	17.90
		2636.5(41055)	18.05	18.05	18.07	17.96
		2593 (40620)	18.22	18.25	18.25	18.14
		2549.5(40185)	18.14	18.14	18.16	18.05
		2506 (39750)	18.21	18.23	18.24	18.13
	100RB (0)	2680 (41490)	17.96	17.99	17.97	17.86
		2636.5(41055)	18.05	18.04	18.04	17.93
		2593 (40620)	18.17	18.19	18.21	18.10
		2549.5(40185)	18.12	18.14	18.16	18.05
		2506 (39750)	18.12	18.15	18.15	18.04

LTE Band41-PC3(ANT5 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.50	18.53	18.12	17.34
		2640.3(41093)	18.45	18.52	18.10	17.32
		2593 (40620)	18.53	18.60	18.21	17.42
		2545.8(40148)	18.40	18.47	18.05	17.27
		2498.5 (39675)	18.44	18.54	18.13	17.35
	1RB-Middle (12)	2687.5 (41565)	18.50	18.52	18.05	17.27
		2640.3(41093)	18.47	18.46	18.05	17.27
		2593 (40620)	18.70	18.61	18.20	17.42
		2545.8(40148)	18.49	18.43	18.03	17.25
		2498.5 (39675)	18.45	18.41	18.05	17.27
	1RB-Low (0)	2687.5 (41565)	18.50	18.58	18.12	17.34
		2640.3(41093)	18.45	18.54	18.14	17.36
		2593 (40620)	18.64	18.71	18.29	17.50
		2545.8(40148)	18.41	18.48	18.09	17.31
		2498.5 (39675)	18.43	18.45	18.08	17.30
	12RB-High (13)	2687.5 (41565)	18.44	18.41	18.49	17.69
		2640.3(41093)	18.40	18.37	18.49	17.69
		2593 (40620)	18.48	18.44	18.55	17.75
		2545.8(40148)	18.36	18.31	18.41	17.62
		2498.5 (39675)	18.40	18.36	18.45	17.65
	12RB-Middle (6)	2687.5 (41565)	18.40	18.36	18.45	17.65
		2640.3(41093)	18.37	18.34	18.44	17.64
		2593 (40620)	18.51	18.47	18.59	17.79
		2545.8(40148)	18.33	18.29	18.39	17.60
		2498.5 (39675)	18.33	18.30	18.41	17.62
	12RB-Low (0)	2687.5 (41565)	18.47	18.44	18.54	17.74
		2640.3(41093)	18.42	18.38	18.48	17.68
		2593 (40620)	18.56	18.54	18.64	17.84
		2545.8(40148)	18.39	18.35	18.44	17.64
		2498.5 (39675)	18.37	18.34	18.42	17.63
	25RB (0)	2687.5 (41565)	18.46	18.46	18.51	17.71
		2640.3(41093)	18.44	18.43	18.48	17.68
		2593 (40620)	18.53	18.55	18.57	17.77
		2545.8(40148)	18.37	18.37	18.40	17.61
		2498.5 (39675)	18.39	18.42	18.42	17.63

10MHz	1RB-High (49)	2685 (41540)	18.54	18.58	18.14	17.36
		2639(41080)	18.51	18.55	18.15	17.37
		2593 (40620)	18.57	18.64	18.21	17.42
		2547(40160)	18.42	18.52	18.10	17.32
		2501 (39700)	18.49	18.58	18.13	17.35
	1RB-Middle (24)	2685 (41540)	18.37	18.50	18.07	17.29
		2639(41080)	18.41	18.47	18.08	17.30
		2593 (40620)	18.55	18.63	18.20	17.42
		2547(40160)	18.36	18.40	18.04	17.26
		2501 (39700)	18.42	18.44	18.04	17.26
	1RB-Low (0)	2685 (41540)	18.53	18.65	18.18	17.40
		2639(41080)	18.51	18.59	18.19	17.41
		2593 (40620)	18.59	18.71	18.27	17.48
		2547(40160)	18.50	18.54	18.14	17.36
		2501 (39700)	18.44	18.51	18.07	17.29
	25RB-High (25)	2685 (41540)	18.44	18.41	18.50	17.70
		2639(41080)	18.42	18.43	18.48	17.68
		2593 (40620)	18.54	18.51	18.57	17.77
		2547(40160)	18.40	18.38	18.42	17.63
		2501 (39700)	18.41	18.45	18.48	17.68
	25RB-Middle (12)	2685 (41540)	18.42	18.44	18.46	17.66
		2639(41080)	18.39	18.41	18.44	17.64
		2593 (40620)	18.51	18.52	18.58	17.78
		2547(40160)	18.38	18.33	18.38	17.59
		2501 (39700)	18.34	18.35	18.39	17.60
	25RB-Low (0)	2685 (41540)	18.49	18.50	18.55	17.75
		2639(41080)	18.42	18.42	18.47	17.67
		2593 (40620)	18.55	18.57	18.60	17.80
		2547(40160)	18.41	18.41	18.45	17.65
		2501 (39700)	18.35	18.36	18.40	17.61
	50RB (0)	2685 (41540)	18.45	18.51	18.48	17.68
		2639(41080)	18.43	18.46	18.45	17.65
		2593 (40620)	18.51	18.57	18.56	17.76
		2547(40160)	18.37	18.38	18.40	17.61
		2501 (39700)	18.34	18.39	18.39	17.60

15MHz	1RB-High (74)	2682.5 (41515)	18.50	18.59	18.14	17.36
		2637.8(41068)	18.50	18.58	18.16	17.38
		2593 (40620)	18.52	18.64	18.18	17.40
		2548.3(40173)	18.43	18.51	18.06	17.28
		2503.5 (39725)	18.55	18.64	18.19	17.41
	1RB-Middle (37)	2682.5 (41515)	18.46	18.55	18.09	17.31
		2637.8(41068)	18.44	18.51	18.09	17.31
		2593 (40620)	18.61	18.66	18.26	17.47
		2548.3(40173)	18.39	18.44	18.03	17.25
		2503.5 (39725)	18.43	18.48	18.05	17.27
	1RB-Low (0)	2682.5 (41515)	18.59	18.71	18.21	17.42
		2637.8(41068)	18.53	18.57	18.16	17.38
		2593 (40620)	18.62	18.71	18.30	17.51
		2548.3(40173)	18.49	18.56	18.15	17.37
		2503.5 (39725)	18.45	18.50	18.10	17.32
	36RB-High (38)	2682.5 (41515)	18.43	18.40	18.43	17.64
		2637.8(41068)	18.41	18.40	18.42	17.63
		2593 (40620)	18.49	18.47	18.49	17.69
		2548.3(40173)	18.34	18.33	18.33	17.54
		2503.5 (39725)	18.40	18.38	18.42	17.63
	36RB-Middle (19)	2682.5 (41515)	18.42	18.41	18.42	17.63
		2637.8(41068)	18.39	18.38	18.39	17.60
		2593 (40620)	18.47	18.49	18.48	17.68
		2548.3(40173)	18.32	18.32	18.33	17.54
		2503.5 (39725)	18.34	18.36	18.36	17.57
	36RB-Low (0)	2682.5 (41515)	18.48	18.47	18.52	17.72
		2637.8(41068)	18.40	18.38	18.39	17.60
		2593 (40620)	18.56	18.54	18.55	17.75
		2548.3(40173)	18.36	18.32	18.35	17.56
		2503.5 (39725)	18.35	18.34	18.33	17.54
	75RB (0)	2682.5 (41515)	18.48	18.51	18.51	17.71
		2637.8(41068)	18.46	18.49	18.50	17.70
		2593 (40620)	18.51	18.60	18.55	17.75
		2548.3(40173)	18.39	18.42	18.41	17.62
		2503.5 (39725)	18.41	18.43	18.45	17.65

20MHz	1RB-High (99)	2680 (41490)	18.54	18.62	18.16	17.38
		2636.5(41055)	18.60	18.67	18.23	17.44
		2593 (40620)	18.58	18.64	18.21	17.42
		2549.5(40185)	18.59	18.68	18.27	17.48
		2506 (39750)	18.52	18.64	18.18	17.40
	1RB-Middle (50)	2680 (41490)	18.43	18.61	18.37	17.58
		2636.5(41055)	18.53	18.58	18.15	17.37
		2593 (40620)	18.68	18.78	18.32	17.53
		2549.5(40185)	18.54	18.61	18.18	17.40
		2506 (39750)	18.39	18.45	18.03	17.25
	1RB-Low (0)	2680 (41490)	18.65	18.83	18.31	17.52
		2636.5(41055)	18.61	18.68	18.27	17.48
		2593 (40620)	18.75	18.88	18.40	17.61
		2549.5(40185)	18.69	18.77	18.32	17.53
		2506 (39750)	18.41	18.46	18.02	17.24
	50RB-High (50)	2680 (41490)	18.54	18.53	18.50	17.70
		2636.5(41055)	18.57	18.59	18.59	17.79
		2593 (40620)	18.60	18.63	18.58	17.78
		2549.5(40185)	18.57	18.60	18.57	17.77
		2506 (39750)	18.43	18.45	18.46	17.66
	50RB-Middle (25)	2680 (41490)	18.51	18.53	18.52	17.72
		2636.5(41055)	18.54	18.55	18.56	17.76
		2593 (40620)	18.64	18.68	18.68	17.87
		2549.5(40185)	18.55	18.58	18.56	17.76
		2506 (39750)	18.38	18.39	18.38	17.59
	50RB-Low (0)	2680 (41490)	18.63	18.65	18.65	17.85
		2636.5(41055)	18.54	18.52	18.53	17.73
		2593 (40620)	18.72	18.75	18.76	17.95
		2549.5(40185)	18.58	18.59	18.60	17.80
		2506 (39750)	18.31	18.33	18.33	17.54
	100RB (0)	2680 (41490)	18.57	18.61	18.61	17.81
		2636.5(41055)	18.57	18.57	18.57	17.77
		2593 (40620)	18.68	18.72	18.70	17.89
		2549.5(40185)	18.56	18.59	18.60	17.80
		2506 (39750)	18.37	18.42	18.39	17.60

LTE Band41-PC3(ANT5 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.96	22.05	20.66	17.35
		2640.3(41093)	22.98	22.04	20.66	17.35
		2593 (40620)	23.08	22.16	20.76	17.44
		2545.8(40148)	22.90	21.98	20.58	17.28
		2498.5 (39675)	22.99	22.02	20.65	17.34
	1RB-Middle (12)	2687.5 (41565)	22.98	22.00	20.61	17.31
		2640.3(41093)	22.98	21.99	20.61	17.31
		2593 (40620)	23.13	22.15	20.76	17.44
		2545.8(40148)	22.93	21.94	20.58	17.28
		2498.5 (39675)	22.92	21.94	20.56	17.27
	1RB-Low (0)	2687.5 (41565)	23.01	22.07	20.66	17.35
		2640.3(41093)	22.98	22.04	20.68	17.37
		2593 (40620)	23.17	22.21	20.85	17.51
		2545.8(40148)	22.92	22.03	20.63	17.33
		2498.5 (39675)	22.92	22.01	20.59	17.29
	12RB-High (13)	2687.5 (41565)	21.94	20.94	20.01	17.36
		2640.3(41093)	21.93	20.91	20.01	17.36
		2593 (40620)	22.04	21.00	20.10	17.43
		2545.8(40148)	21.84	20.83	19.94	17.29
		2498.5 (39675)	21.92	20.89	19.98	17.33
	12RB-Middle (6)	2687.5 (41565)	21.91	20.89	19.98	17.33
		2640.3(41093)	21.90	20.88	19.97	17.32
		2593 (40620)	22.04	21.01	20.11	17.44
		2545.8(40148)	21.85	20.84	19.96	17.31
		2498.5 (39675)	21.89	20.84	19.94	17.29
	12RB-Low (0)	2687.5 (41565)	22.03	20.93	20.05	17.39
		2640.3(41093)	21.98	20.92	20.02	17.36
		2593 (40620)	22.12	21.06	20.18	17.50
		2545.8(40148)	21.90	20.88	19.97	17.32
		2498.5 (39675)	21.88	20.87	19.95	17.30
	25RB (0)	2687.5 (41565)	21.98	20.97	20.02	17.36
		2640.3(41093)	21.95	20.96	19.99	17.34
		2593 (40620)	22.08	21.06	20.11	17.44
		2545.8(40148)	21.86	20.89	19.94	17.29
		2498.5 (39675)	21.93	20.95	19.96	17.31

10MHz	1RB-High (49)	2685 (41540)	23.09	22.07	20.66	17.35
		2639(41080)	23.03	22.08	20.67	17.36
		2593 (40620)	23.09	22.17	20.73	17.41
		2547(40160)	22.94	22.00	20.59	17.29
		2501 (39700)	22.99	22.05	20.63	17.33
	1RB-Middle (24)	2685 (41540)	22.97	22.01	20.57	17.28
		2639(41080)	22.95	22.02	20.58	17.28
		2593 (40620)	23.13	22.15	20.71	17.39
		2547(40160)	22.89	21.94	20.51	17.23
		2501 (39700)	22.93	21.93	20.55	17.26
	1RB-Low (0)	2685 (41540)	23.06	22.15	20.71	17.39
		2639(41080)	23.03	22.10	20.71	17.39
		2593 (40620)	23.18	22.23	20.81	17.48
		2547(40160)	23.00	22.04	20.63	17.33
		2501 (39700)	22.96	22.02	20.59	17.29
	25RB-High (25)	2685 (41540)	21.95	20.95	19.98	17.33
		2639(41080)	21.95	20.93	19.99	17.34
		2593 (40620)	22.04	21.04	20.10	17.43
		2547(40160)	21.88	20.87	19.94	17.29
		2501 (39700)	21.95	20.94	19.98	17.33
	25RB-Middle (12)	2685 (41540)	21.97	20.95	19.98	17.33
		2639(41080)	21.93	20.92	19.97	17.32
		2593 (40620)	22.06	21.04	20.07	17.41
		2547(40160)	21.85	20.83	19.89	17.25
		2501 (39700)	21.88	20.86	19.90	17.26
	25RB-Low (0)	2685 (41540)	22.00	21.00	20.03	17.37
		2639(41080)	21.96	20.94	19.98	17.33
		2593 (40620)	22.10	21.10	20.12	17.45
		2547(40160)	21.95	20.91	19.94	17.29
		2501 (39700)	21.87	20.88	19.88	17.24
	50RB (0)	2685 (41540)	21.98	21.03	19.97	17.32
		2639(41080)	21.92	20.96	19.96	17.31
		2593 (40620)	22.07	21.09	20.06	17.40
		2547(40160)	21.91	20.89	19.91	17.27
		2501 (39700)	21.93	20.90	19.88	17.24

15MHz	1RB-High (74)	2682.5 (41515)	23.01	22.07	20.64	17.34
		2637.8(41068)	23.01	22.08	20.66	17.35
		2593 (40620)	23.06	22.10	20.71	17.39
		2548.3(40173)	22.94	21.97	20.57	17.28
		2503.5 (39725)	23.06	22.12	20.70	17.39
	1RB-Middle (37)	2682.5 (41515)	23.00	22.03	20.64	17.34
		2637.8(41068)	22.98	21.99	20.59	17.29
		2593 (40620)	23.16	22.20	20.75	17.43
		2548.3(40173)	22.89	21.93	20.52	17.23
		2503.5 (39725)	22.95	21.96	20.53	17.24
	1RB-Low (0)	2682.5 (41515)	23.07	22.13	20.71	17.39
		2637.8(41068)	22.98	22.04	20.65	17.34
		2593 (40620)	23.15	22.21	20.83	17.49
		2548.3(40173)	23.00	22.05	20.70	17.39
		2503.5 (39725)	22.99	21.98	20.60	17.30
	36RB-High (38)	2682.5 (41515)	21.94	20.90	19.89	17.25
		2637.8(41068)	21.95	20.92	19.90	17.26
		2593 (40620)	21.97	20.95	19.98	17.33
		2548.3(40173)	21.85	20.81	19.84	17.21
		2503.5 (39725)	21.92	20.90	19.92	17.28
	36RB-Middle (19)	2682.5 (41515)	21.94	20.90	19.91	17.27
		2637.8(41068)	21.93	20.88	19.89	17.25
		2593 (40620)	22.02	21.00	20.02	17.36
		2548.3(40173)	21.85	20.81	19.83	17.20
		2503.5 (39725)	21.88	20.86	19.85	17.22
	36RB-Low (0)	2682.5 (41515)	22.00	20.95	19.99	17.34
		2637.8(41068)	21.90	20.86	19.87	17.23
		2593 (40620)	22.09	21.03	20.07	17.41
		2548.3(40173)	21.87	20.86	19.83	17.20
		2503.5 (39725)	21.87	20.82	19.79	17.16
	75RB (0)	2682.5 (41515)	21.98	21.01	20.02	17.36
		2637.8(41068)	21.95	20.96	19.96	17.31
		2593 (40620)	22.03	21.10	20.06	17.40
		2548.3(40173)	21.88	20.91	19.92	17.28
		2503.5 (39725)	21.91	20.95	19.96	17.31

20MHz	1RB-High (99)	2680 (41490)	23.02	22.08	20.66	17.35
		2636.5(41055)	23.11	22.18	20.78	17.45
		2593 (40620)	23.08	22.17	20.75	17.43
		2549.5(40185)	23.09	22.20	20.77	17.44
		2506 (39750)	23.06	22.11	20.72	17.40
	1RB-Middle (50)	2680 (41490)	22.98	22.08	20.65	17.34
		2636.5(41055)	23.03	22.09	20.71	17.39
		2593 (40620)	23.23	22.27	20.86	17.52
		2549.5(40185)	23.05	22.13	20.67	17.36
		2506 (39750)	22.89	21.96	20.51	17.23
	1RB-Low (0)	2680 (41490)	23.22	22.31	20.85	17.51
		2636.5(41055)	23.09	22.18	20.78	17.45
		2593 (40620)	23.29	22.38	20.94	17.59
		2549.5(40185)	23.19	22.26	20.84	17.50
		2506 (39750)	22.91	21.97	20.53	17.24
	50RB-High (50)	2680 (41490)	22.01	21.02	19.99	17.34
		2636.5(41055)	22.07	21.08	20.08	17.42
		2593 (40620)	22.11	21.13	20.13	17.46
		2549.5(40185)	22.08	21.09	20.08	17.42
		2506 (39750)	21.95	20.96	20.00	17.35
	50RB-Middle (25)	2680 (41490)	22.04	21.07	20.04	17.38
		2636.5(41055)	22.03	21.06	20.07	17.41
		2593 (40620)	22.17	21.21	20.20	17.52
		2549.5(40185)	22.08	21.07	20.08	17.42
		2506 (39750)	21.91	20.91	19.91	17.27
	50RB-Low (0)	2680 (41490)	22.13	21.14	20.14	17.47
		2636.5(41055)	22.01	21.05	20.04	17.38
		2593 (40620)	22.26	21.27	20.28	17.59
		2549.5(40185)	22.11	21.10	20.10	17.43
		2506 (39750)	21.84	20.84	19.82	17.19
	100RB (0)	2680 (41490)	22.07	21.07	20.08	17.42
		2636.5(41055)	22.09	21.11	20.07	17.41
		2593 (40620)	22.19	21.23	20.21	17.53
		2549.5(40185)	22.09	21.08	20.10	17.43
		2506 (39750)	21.87	20.90	19.90	17.26

LTE Band41-PC3(ANT6 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.03	18.96	18.66	16.81
		2640.3(41093)	19.11	18.94	18.73	16.93
		2593 (40620)	19.18	19.00	18.51	16.90
		2545.8(40148)	19.13	18.92	18.69	16.76
		2498.5 (39675)	18.79	18.55	18.49	16.83
	1RB-Middle (12)	2687.5 (41565)	19.24	18.90	18.61	17.00
		2640.3(41093)	19.14	18.88	18.73	16.93
		2593 (40620)	19.35	19.08	18.48	16.98
		2545.8(40148)	19.21	18.85	18.71	16.93
		2498.5 (39675)	18.84	18.56	18.50	16.73
	1RB-Low (0)	2687.5 (41565)	19.18	18.91	18.65	16.92
		2640.3(41093)	19.11	18.87	18.69	16.88
		2593 (40620)	19.16	19.01	18.51	16.72
		2545.8(40148)	19.12	18.90	18.73	16.98
		2498.5 (39675)	19.00	18.62	18.52	16.95
	12RB-High (13)	2687.5 (41565)	19.08	18.75	18.82	16.83
		2640.3(41093)	19.06	18.75	18.85	16.87
		2593 (40620)	19.19	18.82	18.92	16.99
		2545.8(40148)	19.08	18.76	18.84	16.89
		2498.5 (39675)	18.99	18.73	18.50	16.90
	12RB-Middle (6)	2687.5 (41565)	19.00	18.71	18.80	16.89
		2640.3(41093)	19.05	18.70	18.78	17.00
		2593 (40620)	19.15	18.85	18.91	16.72
		2545.8(40148)	19.01	18.69	18.79	16.87
		2498.5 (39675)	18.93	18.61	18.73	16.93
	12RB-Low (0)	2687.5 (41565)	19.08	18.80	18.88	16.81
		2640.3(41093)	19.09	18.74	18.84	16.74
		2593 (40620)	19.20	18.84	18.97	16.76
		2545.8(40148)	19.10	18.79	18.87	16.95
		2498.5 (39675)	19.01	18.70	18.51	16.89
	25RB (0)	2687.5 (41565)	19.08	18.82	18.84	16.94
		2640.3(41093)	19.09	18.81	18.82	16.99
		2593 (40620)	19.16	18.92	18.93	16.99
		2545.8(40148)	19.11	18.82	18.84	16.93
		2498.5 (39675)	18.75	18.74	18.52	16.92

10MHz	1RB-High (49)	2685 (41540)	19.08	18.96	18.73	16.91
		2639(41080)	19.15	18.94	18.47	16.73
		2593 (40620)	19.13	19.01	18.51	16.94
		2547(40160)	19.13	18.96	18.47	16.78
		2501 (39700)	18.81	18.66	18.53	16.84
	1RB-Middle (24)	2685 (41540)	19.03	18.84	18.62	16.72
		2639(41080)	19.03	18.83	18.67	16.71
		2593 (40620)	19.23	19.06	18.51	16.78
		2547(40160)	19.03	18.86	18.66	16.80
		2501 (39700)	18.99	18.53	18.52	16.95
	1RB-Low (0)	2685 (41540)	19.14	18.97	18.73	16.84
		2639(41080)	19.14	18.97	18.49	16.72
		2593 (40620)	19.22	19.00	18.52	16.74
		2547(40160)	19.13	19.00	18.50	16.92
		2501 (39700)	18.76	18.61	18.48	16.88
	25RB-High (25)	2685 (41540)	19.06	18.79	18.81	16.76
		2639(41080)	19.09	18.81	18.81	16.92
		2593 (40620)	19.16	18.90	18.93	16.75
		2547(40160)	19.11	18.80	18.87	16.99
		2501 (39700)	18.77	18.51	18.54	16.76
	25RB-Middle (12)	2685 (41540)	19.05	18.79	18.81	16.70
		2639(41080)	19.01	18.78	18.80	16.90
		2593 (40620)	19.12	18.87	18.90	16.78
		2547(40160)	19.05	18.78	18.82	16.84
		2501 (39700)	18.97	18.73	18.47	16.95
	25RB-Low (0)	2685 (41540)	19.10	18.84	18.88	16.85
		2639(41080)	19.03	18.81	18.81	16.99
		2593 (40620)	19.19	18.94	18.98	16.98
		2547(40160)	19.10	18.81	18.85	16.90
		2501 (39700)	18.95	18.68	18.72	16.94
	50RB (0)	2685 (41540)	19.10	18.83	18.81	16.83
		2639(41080)	19.09	18.84	18.78	16.95
		2593 (40620)	19.16	18.96	18.92	16.89
		2547(40160)	19.09	18.84	18.84	16.71
		2501 (39700)	18.99	18.48	18.73	16.83

15MHz	1RB-High (74)	2682.5 (41515)	19.06	18.97	18.68	16.86
		2637.8(41068)	19.18	19.01	18.50	16.94
		2593 (40620)	19.16	18.99	18.51	16.79
		2548.3(40173)	19.13	18.96	18.73	16.90
		2503.5 (39725)	18.82	18.71	18.52	16.90
	1RB-Middle (37)	2682.5 (41515)	19.11	19.01	18.73	16.74
		2637.8(41068)	19.16	19.00	18.49	17.00
		2593 (40620)	19.26	19.10	18.61	16.71
		2548.3(40173)	19.12	19.00	18.49	16.85
		2503.5 (39725)	18.76	18.66	18.51	16.75
	1RB-Low (0)	2682.5 (41515)	19.16	19.10	18.52	16.88
		2637.8(41068)	19.16	19.03	18.51	16.78
		2593 (40620)	19.23	19.09	18.55	16.83
		2548.3(40173)	19.18	19.03	18.54	16.94
		2503.5 (39725)	18.78	18.62	18.49	16.70
	36RB-High (38)	2682.5 (41515)	19.10	18.80	18.79	16.88
		2637.8(41068)	19.10	18.83	18.81	16.79
		2593 (40620)	19.14	18.88	18.89	16.96
		2548.3(40173)	19.09	18.84	18.79	16.91
		2503.5 (39725)	18.78	18.49	18.50	16.70
	36RB-Middle (19)	2682.5 (41515)	19.06	18.81	18.80	16.84
		2637.8(41068)	19.06	18.80	18.79	16.72
		2593 (40620)	19.19	18.88	18.90	16.76
		2548.3(40173)	19.11	18.82	18.80	16.74
		2503.5 (39725)	18.98	18.71	18.71	16.92
	36RB-Low (0)	2682.5 (41515)	19.13	18.86	18.87	16.94
		2637.8(41068)	19.11	18.81	18.82	16.71
		2593 (40620)	19.16	18.91	18.91	16.78
		2548.3(40173)	19.11	18.83	18.84	16.96
		2503.5 (39725)	18.99	18.71	18.69	16.79
	75RB (0)	2682.5 (41515)	19.12	18.91	18.89	16.95
		2637.8(41068)	19.12	18.87	18.88	16.72
		2593 (40620)	19.18	18.96	18.98	16.71
		2548.3(40173)	19.13	18.93	18.90	16.80
		2503.5 (39725)	18.78	18.55	18.54	16.98

20MHz	1RB-High (99)	2680 (41490)	19.04	19.15	18.67	16.78
		2636.5(41055)	19.04	19.14	18.68	16.77
		2593 (40620)	18.93	19.04	18.59	16.74
		2549.5(40185)	18.91	19.01	18.56	16.87
		2506 (39750)	18.88	18.96	18.52	16.85
	1RB-Middle (50)	2680 (41490)	18.95	19.03	18.58	16.88
		2636.5(41055)	19.11	19.18	18.75	16.81
		2593 (40620)	19.00	19.10	18.65	16.91
		2549.5(40185)	18.94	19.02	18.60	16.91
		2506 (39750)	18.79	18.88	18.46	16.93
	1RB-Low (0)	2680 (41490)	19.11	19.15	18.68	16.88
		2636.5(41055)	19.11	19.21	18.76	16.98
		2593 (40620)	19.12	19.08	18.64	16.79
		2549.5(40185)	19.09	19.05	18.63	16.79
		2506 (39750)	18.99	18.90	18.43	16.74
	50RB-High (50)	2680 (41490)	19.07	19.08	19.04	16.82
		2636.5(41055)	19.10	19.12	19.11	16.89
		2593 (40620)	18.96	18.97	18.97	16.77
		2549.5(40185)	18.99	19.01	19.00	16.84
		2506 (39750)	18.86	18.87	18.85	16.95
	50RB-Middle (25)	2680 (41490)	19.03	19.04	19.02	16.76
		2636.5(41055)	19.16	19.16	19.17	16.97
		2593 (40620)	18.96	18.97	18.96	16.75
		2549.5(40185)	18.98	18.99	18.97	16.97
		2506 (39750)	18.81	18.82	18.84	16.88
	50RB-Low (0)	2680 (41490)	19.07	19.05	19.07	16.94
		2636.5(41055)	19.10	19.16	19.18	16.76
		2593 (40620)	19.17	19.03	19.03	16.79
		2549.5(40185)	18.98	18.96	18.97	16.85
		2506 (39750)	18.79	18.81	18.81	16.95
	100RB (0)	2680 (41490)	19.04	19.04	19.03	16.99
		2636.5(41055)	19.10	19.11	19.11	16.96
		2593 (40620)	18.97	18.96	18.97	16.94
		2549.5(40185)	18.96	18.96	18.98	16.73
		2506 (39750)	18.83	18.80	18.86	16.71

LTE Band41-PC3(ANT6 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	17.26	17.44	17.18	16.90
		2640.3(41093)	17.33	17.42	17.24	16.82
		2593 (40620)	17.39	17.48	17.04	16.79
		2545.8(40148)	17.35	17.40	17.21	16.83
		2498.5 (39675)	17.04	17.06	17.02	16.95
	1RB-Middle (12)	2687.5 (41565)	17.45	17.38	17.13	16.98
		2640.3(41093)	17.36	17.37	17.24	16.75
		2593 (40620)	17.55	17.55	17.01	16.94
		2545.8(40148)	17.42	17.34	17.22	16.87
		2498.5 (39675)	17.09	17.07	17.03	16.99
	1RB-Low (0)	2687.5 (41565)	17.39	17.39	17.17	16.95
		2640.3(41093)	17.33	17.36	17.21	16.88
		2593 (40620)	17.38	17.49	17.04	16.76
		2545.8(40148)	17.34	17.38	17.24	16.94
		2498.5 (39675)	17.23	17.13	17.05	16.77
	12RB-High (13)	2687.5 (41565)	17.30	17.25	17.33	16.82
		2640.3(41093)	17.29	17.25	17.35	16.96
		2593 (40620)	17.40	17.31	17.42	16.97
		2545.8(40148)	17.30	17.26	17.34	16.84
		2498.5 (39675)	17.22	17.23	17.03	16.97
	12RB-Middle (6)	2687.5 (41565)	17.23	17.21	17.31	16.94
		2640.3(41093)	17.28	17.20	17.29	16.91
		2593 (40620)	17.37	17.34	17.41	16.78
		2545.8(40148)	17.24	17.19	17.30	16.95
		2498.5 (39675)	17.17	17.12	17.24	16.95
	12RB-Low (0)	2687.5 (41565)	17.30	17.29	17.38	16.87
		2640.3(41093)	17.31	17.24	17.34	16.87
		2593 (40620)	17.41	17.33	17.46	16.89
		2545.8(40148)	17.32	17.28	17.37	16.83
		2498.5 (39675)	17.24	17.20	17.04	16.96
	25RB (0)	2687.5 (41565)	17.30	17.31	17.34	16.86
		2640.3(41093)	17.31	17.30	17.33	16.97
		2593 (40620)	17.38	17.40	17.43	16.86
		2545.8(40148)	17.33	17.31	17.34	16.85
		2498.5 (39675)	17.00	17.24	17.05	16.95

10MHz	1RB-High (49)	2685 (41540)	17.30	17.44	17.24	16.88
		2639(41080)	17.37	17.42	17.00	16.99
		2593 (40620)	17.35	17.49	17.04	16.78
		2547(40160)	17.35	17.44	17.00	16.90
		2501 (39700)	17.06	17.16	17.06	16.91
	1RB-Middle (24)	2685 (41540)	17.26	17.33	17.14	16.87
		2639(41080)	17.26	17.32	17.19	16.85
		2593 (40620)	17.44	17.53	17.04	16.81
		2547(40160)	17.26	17.35	17.18	16.99
		2501 (39700)	17.22	17.04	17.05	16.75
	1RB-Low (0)	2685 (41540)	17.36	17.45	17.24	16.86
		2639(41080)	17.36	17.45	17.02	16.83
		2593 (40620)	17.43	17.48	17.05	16.98
		2547(40160)	17.35	17.48	17.03	16.84
		2501 (39700)	17.01	17.12	17.01	16.97
	25RB-High (25)	2685 (41540)	17.29	17.28	17.32	16.92
		2639(41080)	17.31	17.30	17.32	16.84
		2593 (40620)	17.38	17.38	17.43	16.86
		2547(40160)	17.33	17.29	17.37	16.99
		2501 (39700)	17.02	17.03	17.07	16.93
	25RB-Middle (12)	2685 (41540)	17.28	17.28	17.32	16.87
		2639(41080)	17.24	17.27	17.31	16.77
		2593 (40620)	17.34	17.36	17.40	16.84
		2547(40160)	17.28	17.27	17.33	16.89
		2501 (39700)	17.20	17.23	17.00	16.97
	25RB-Low (0)	2685 (41540)	17.32	17.33	17.38	16.80
		2639(41080)	17.26	17.30	17.32	16.87
		2593 (40620)	17.40	17.42	17.47	16.88
		2547(40160)	17.32	17.30	17.35	16.85
		2501 (39700)	17.19	17.18	17.23	16.87
	50RB (0)	2685 (41540)	17.32	17.32	17.32	16.93
		2639(41080)	17.31	17.33	17.29	16.82
		2593 (40620)	17.38	17.44	17.42	16.75
		2547(40160)	17.31	17.33	17.34	16.92
		2501 (39700)	17.22	17.00	17.24	16.98

15MHz	1RB-High (74)	2682.5 (41515)	17.29	17.45	17.20	16.83
		2637.8(41068)	17.39	17.49	17.03	16.77
		2593 (40620)	17.38	17.47	17.04	16.87
		2548.3(40173)	17.35	17.44	17.24	16.86
		2503.5 (39725)	17.07	17.21	17.05	16.89
	1RB-Middle (37)	2682.5 (41515)	17.33	17.49	17.24	16.79
		2637.8(41068)	17.38	17.48	17.02	16.95
		2593 (40620)	17.47	17.57	17.13	16.79
		2548.3(40173)	17.34	17.48	17.02	16.80
		2503.5 (39725)	17.01	17.16	17.04	16.78
	1RB-Low (0)	2682.5 (41515)	17.38	17.57	17.05	16.99
		2637.8(41068)	17.38	17.50	17.04	16.76
		2593 (40620)	17.44	17.56	17.08	16.75
		2548.3(40173)	17.39	17.50	17.07	16.93
		2503.5 (39725)	17.03	17.13	17.02	16.76
	36RB-High (38)	2682.5 (41515)	17.32	17.29	17.30	16.89
		2637.8(41068)	17.32	17.32	17.32	16.84
		2593 (40620)	17.36	17.37	17.39	16.95
		2548.3(40173)	17.31	17.33	17.30	16.90
		2503.5 (39725)	17.03	17.01	17.03	16.87
	36RB-Middle (19)	2682.5 (41515)	17.29	17.30	17.31	16.88
		2637.8(41068)	17.29	17.29	17.30	16.82
		2593 (40620)	17.40	17.37	17.40	17.00
		2548.3(40173)	17.33	17.31	17.31	16.95
		2503.5 (39725)	17.21	17.21	17.22	16.93
	36RB-Low (0)	2682.5 (41515)	17.35	17.35	17.37	16.92
		2637.8(41068)	17.33	17.30	17.33	16.97
		2593 (40620)	17.38	17.39	17.41	16.84
		2548.3(40173)	17.33	17.32	17.34	16.81
		2503.5 (39725)	17.22	17.21	17.21	16.85
	75RB (0)	2682.5 (41515)	17.34	17.39	17.39	16.79
		2637.8(41068)	17.34	17.36	17.38	16.80
		2593 (40620)	17.39	17.44	17.47	16.99
		2548.3(40173)	17.35	17.41	17.40	16.89
		2503.5 (39725)	17.03	17.06	17.07	16.84

20MHz	1RB-High (99)	2680 (41490)	17.32	17.60	17.07	16.94
		2636.5(41055)	17.35	17.48	17.11	16.97
		2593 (40620)	17.38	17.55	17.08	16.97
		2549.5(40185)	17.32	17.48	17.07	16.85
		2506 (39750)	17.14	17.35	17.01	16.93
	1RB-Middle (50)	2680 (41490)	17.28	17.62	17.12	16.99
		2636.5(41055)	17.37	17.48	17.10	16.90
		2593 (40620)	17.49	17.66	17.22	16.78
		2549.5(40185)	17.37	17.46	17.11	16.79
		2506 (39750)	17.10	17.18	17.02	16.97
	1RB-Low (0)	2680 (41490)	17.27	17.73	17.19	16.78
		2636.5(41055)	17.39	17.46	17.10	16.85
		2593 (40620)	17.34	17.55	17.16	16.78
		2549.5(40185)	17.44	17.50	17.15	16.97
		2506 (39750)	17.09	17.21	17.05	16.78
	50RB-High (50)	2680 (41490)	17.37	17.36	17.09	16.99
		2636.5(41055)	17.39	17.39	17.42	16.83
		2593 (40620)	17.42	17.44	17.47	16.87
		2549.5(40185)	17.39	17.40	17.44	16.81
		2506 (39750)	17.13	17.17	17.16	16.76
	50RB-Middle (25)	2680 (41490)	17.39	17.43	17.42	16.83
		2636.5(41055)	17.35	17.39	17.41	16.98
		2593 (40620)	17.47	17.47	17.50	16.98
		2549.5(40185)	17.39	17.39	17.41	16.92
		2506 (39750)	17.09	17.07	17.11	16.81
	50RB-Low (0)	2680 (41490)	17.46	17.48	17.48	16.86
		2636.5(41055)	17.39	17.38	17.43	16.79
		2593 (40620)	17.48	17.52	17.54	16.94
		2549.5(40185)	17.40	17.41	17.41	16.95
		2506 (39750)	17.03	17.03	17.05	16.96
	100RB (0)	2680 (41490)	17.39	17.44	17.42	16.94
		2636.5(41055)	17.38	17.40	17.38	16.91
		2593 (40620)	17.43	17.48	17.45	16.85
		2549.5(40185)	17.44	17.42	17.43	16.96
		2506 (39750)	17.12	17.13	17.11	16.82

LTE Band41-PC3(ANT7 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.85	18.92	18.53	18.06
		2640.3(41093)	18.93	18.97	18.73	18.26
		2593 (40620)	19.07	19.11	18.72	18.25
		2545.8(40148)	19.00	19.06	18.67	18.20
		2498.5 (39675)	18.86	18.93	18.57	18.10
	1RB-Middle (12)	2687.5 (41565)	18.80	18.83	18.39	17.93
		2640.3(41093)	19.05	18.96	18.60	18.13
		2593 (40620)	19.15	19.14	18.74	18.27
		2545.8(40148)	18.98	19.00	18.62	18.15
		2498.5 (39675)	18.91	18.89	18.46	18.00
	1RB-Low (0)	2687.5 (41565)	18.87	18.92	18.54	18.07
		2640.3(41093)	18.96	19.02	18.65	18.18
		2593 (40620)	19.12	19.15	18.79	18.32
		2545.8(40148)	18.97	19.03	18.66	18.19
		2498.5 (39675)	18.92	18.99	18.58	18.11
	12RB-High (13)	2687.5 (41565)	18.80	18.80	18.84	18.36
		2640.3(41093)	18.90	18.86	18.95	18.47
		2593 (40620)	19.03	18.99	19.08	18.60
		2545.8(40148)	18.97	18.94	19.04	18.56
		2498.5 (39675)	18.81	18.81	18.90	18.42
	12RB-Middle (6)	2687.5 (41565)	18.79	18.75	18.85	18.37
		2640.3(41093)	18.88	18.82	18.92	18.44
		2593 (40620)	19.01	18.99	19.08	18.60
		2545.8(40148)	18.95	18.92	19.02	18.54
		2498.5 (39675)	18.83	18.76	18.88	18.40
	12RB-Low (0)	2687.5 (41565)	18.83	18.81	18.90	18.42
		2640.3(41093)	18.94	18.90	18.98	18.50
		2593 (40620)	19.07	19.02	19.11	18.62
		2545.8(40148)	18.99	18.95	19.05	18.57
		2498.5 (39675)	18.89	18.83	18.95	18.47
	25RB (0)	2687.5 (41565)	18.86	18.84	18.89	18.41
		2640.3(41093)	18.91	18.88	18.94	18.46
		2593 (40620)	19.03	19.03	19.07	18.59
		2545.8(40148)	18.98	18.99	19.04	18.56
		2498.5 (39675)	18.92	18.89	18.95	18.47

10MHz	1RB-High (49)	2685 (41540)	18.91	18.96	18.54	18.07
		2639(41080)	19.01	19.04	18.80	18.33
		2593 (40620)	19.13	19.19	18.78	18.31
		2547(40160)	19.03	19.11	18.71	18.24
		2501 (39700)	18.84	18.90	18.50	18.04
	1RB-Middle (24)	2685 (41540)	18.85	18.86	18.46	18.00
		2639(41080)	18.88	18.96	18.52	18.06
		2593 (40620)	19.04	19.13	18.73	18.26
		2547(40160)	18.93	19.03	18.62	18.15
		2501 (39700)	18.80	18.82	18.45	17.99
	1RB-Low (0)	2685 (41540)	18.92	19.01	18.56	18.09
		2639(41080)	19.01	19.07	18.69	18.22
		2593 (40620)	19.16	19.22	18.85	18.37
		2547(40160)	19.02	19.09	18.68	18.21
		2501 (39700)	18.97	19.01	18.61	18.14
	25RB-High (25)	2685 (41540)	18.82	18.84	18.88	18.40
		2639(41080)	18.93	18.93	18.97	18.49
		2593 (40620)	19.04	19.01	19.10	18.61
		2547(40160)	18.99	19.00	19.04	18.56
		2501 (39700)	18.81	18.78	18.86	18.38
	25RB-Middle (12)	2685 (41540)	18.81	18.81	18.85	18.37
		2639(41080)	18.92	18.90	18.97	18.49
		2593 (40620)	19.05	19.04	19.09	18.60
		2547(40160)	18.97	18.96	19.02	18.54
		2501 (39700)	18.80	18.80	18.85	18.37
	25RB-Low (0)	2685 (41540)	18.86	18.85	18.89	18.41
		2639(41080)	18.95	18.92	18.99	18.51
		2593 (40620)	19.08	19.09	19.16	18.67
		2547(40160)	19.01	19.00	19.06	18.58
		2501 (39700)	18.87	18.89	18.93	18.45
	50RB (0)	2685 (41540)	18.84	18.89	18.88	18.40
		2639(41080)	18.94	18.96	18.95	18.47
		2593 (40620)	19.06	19.09	19.08	18.60
		2547(40160)	18.99	19.02	19.02	18.54
		2501 (39700)	18.84	18.88	18.87	18.39

15MHz	1RB-High (74)	2682.5 (41515)	19.12	18.96	18.53	18.06
		2637.8(41068)	19.03	19.08	18.66	18.19
		2593 (40620)	19.12	19.19	18.78	18.31
		2548.3(40173)	19.08	19.10	18.76	18.29
		2503.5 (39725)	18.83	18.88	18.49	18.03
	1RB-Middle (37)	2682.5 (41515)	19.12	18.90	18.49	18.03
		2637.8(41068)	19.01	19.02	18.62	18.15
		2593 (40620)	19.10	19.17	18.77	18.30
		2548.3(40173)	19.00	19.02	18.68	18.21
		2503.5 (39725)	18.84	18.90	18.48	18.02
	1RB-Low (0)	2682.5 (41515)	19.13	19.03	18.62	18.15
		2637.8(41068)	19.12	19.13	18.75	18.28
		2593 (40620)	19.11	19.23	18.82	18.34
		2548.3(40173)	19.03	19.05	18.68	18.21
		2503.5 (39725)	18.93	18.99	18.58	18.11
	36RB-High (38)	2682.5 (41515)	19.06	18.82	18.84	18.36
		2637.8(41068)	18.94	18.91	18.95	18.47
		2593 (40620)	19.01	19.03	19.06	18.58
		2548.3(40173)	19.03	19.00	19.03	18.55
		2503.5 (39725)	18.78	18.77	18.78	18.31
	36RB-Middle (19)	2682.5 (41515)	19.11	18.81	18.84	18.36
		2637.8(41068)	18.94	18.90	18.94	18.46
		2593 (40620)	19.09	19.00	19.00	18.52
		2548.3(40173)	18.95	18.95	18.96	18.48
		2503.5 (39725)	18.79	18.78	18.79	18.32
	36RB-Low (0)	2682.5 (41515)	19.16	18.86	18.87	18.39
		2637.8(41068)	18.97	18.91	18.93	18.45
		2593 (40620)	19.15	19.04	19.11	18.62
		2548.3(40173)	19.00	18.99	19.01	18.53
		2503.5 (39725)	18.81	18.79	18.81	18.33
	75RB (0)	2682.5 (41515)	19.13	18.88	18.90	18.42
		2637.8(41068)	18.94	18.97	18.97	18.49
		2593 (40620)	19.10	19.12	19.11	18.62
		2548.3(40173)	18.99	19.02	19.05	18.57
		2503.5 (39725)	18.81	18.83	18.83	18.35

20MHz	1RB-High (99)	2680 (41490)	18.53	18.59	18.16	17.91
		2636.5(41055)	18.57	18.64	18.21	17.96
		2593 (40620)	18.71	18.76	18.36	18.10
		2549.5(40185)	18.76	18.82	18.41	18.15
		2506 (39750)	18.47	18.51	18.12	17.87
	1RB-Middle (50)	2680 (41490)	18.48	18.55	18.12	17.87
		2636.5(41055)	18.58	18.61	18.20	17.95
		2593 (40620)	18.74	18.83	18.39	18.13
		2549.5(40185)	18.71	18.75	18.35	18.09
		2506 (39750)	18.34	18.37	17.97	17.89
	1RB-Low (0)	2680 (41490)	18.62	18.67	18.24	17.99
		2636.5(41055)	18.72	18.75	18.34	18.08
		2593 (40620)	18.82	18.86	18.48	18.22
		2549.5(40185)	18.79	18.81	18.42	18.16
		2506 (39750)	18.59	18.47	18.05	17.80
	50RB-High (50)	2680 (41490)	18.54	18.51	18.52	18.06
		2636.5(41055)	18.58	18.58	18.58	18.11
		2593 (40620)	18.72	18.71	18.71	18.24
		2549.5(40185)	18.64	18.79	18.75	18.28
		2506 (39750)	18.40	18.39	18.41	17.95
	50RB-Middle (25)	2680 (41490)	18.53	18.52	18.51	18.05
		2636.5(41055)	18.58	18.58	18.60	18.13
		2593 (40620)	18.75	18.74	18.75	18.28
		2549.5(40185)	18.71	18.74	18.72	18.25
		2506 (39750)	18.36	18.34	18.35	17.89
	50RB-Low (0)	2680 (41490)	18.67	18.58	18.56	18.09
		2636.5(41055)	18.70	18.63	18.62	18.15
		2593 (40620)	18.78	18.79	18.79	18.32
		2549.5(40185)	18.72	18.73	18.73	18.26
		2506 (39750)	18.55	18.34	18.34	17.88
	100RB (0)	2680 (41490)	18.50	18.53	18.51	18.05
		2636.5(41055)	18.59	18.59	18.58	18.11
		2593 (40620)	18.74	18.74	18.75	18.28
		2549.5(40185)	18.72	18.75	18.73	18.26
		2506 (39750)	18.35	18.37	18.37	17.91

LTE Band41-PC3(ANT7 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	14.89	14.95	14.48	14.77
		2640.3(41093)	14.91	14.99	14.53	14.81
		2593 (40620)	15.04	15.06	14.93	15.22
		2545.8(40148)	14.99	15.01	14.63	14.92
		2498.5 (39675)	14.89	14.99	14.54	14.83
	1RB-Middle (12)	2687.5 (41565)	14.84	14.89	14.49	14.78
		2640.3(41093)	14.97	14.99	14.50	14.79
		2593 (40620)	15.17	15.14	15.03	15.33
		2545.8(40148)	15.13	15.08	14.61	14.90
		2498.5 (39675)	14.93	14.98	14.54	14.83
	1RB-Low (0)	2687.5 (41565)	14.88	14.95	14.49	14.78
		2640.3(41093)	14.94	15.00	14.55	14.84
		2593 (40620)	15.06	15.12	14.98	15.28
		2545.8(40148)	14.98	15.02	14.61	14.90
		2498.5 (39675)	14.94	15.01	14.57	14.86
	12RB-High (13)	2687.5 (41565)	14.82	14.83	14.77	15.06
		2640.3(41093)	14.90	14.90	14.85	15.14
		2593 (40620)	14.99	14.99	14.94	15.23
		2545.8(40148)	14.98	14.98	14.94	15.23
		2498.5 (39675)	14.88	14.86	14.82	15.11
	12RB-Middle (6)	2687.5 (41565)	14.79	14.80	14.76	15.05
		2640.3(41093)	14.84	14.84	14.84	15.13
		2593 (40620)	14.96	14.96	14.94	15.23
		2545.8(40148)	14.93	14.94	14.91	15.20
		2498.5 (39675)	14.88	14.87	14.79	15.08
	12RB-Low (0)	2687.5 (41565)	14.85	14.86	14.81	15.10
		2640.3(41093)	14.92	14.91	14.90	15.19
		2593 (40620)	15.01	15.01	14.98	15.28
		2545.8(40148)	14.99	14.98	14.96	15.25
		2498.5 (39675)	14.93	14.90	14.88	15.17
	25RB (0)	2687.5 (41565)	14.84	14.87	14.81	15.10
		2640.3(41093)	14.90	14.93	14.82	15.11
		2593 (40620)	15.03	15.02	14.93	15.22
		2545.8(40148)	15.01	15.00	14.94	15.23
		2498.5 (39675)	14.94	14.94	14.86	15.15

10MHz	1RB-High (49)	2685 (41540)	14.90	14.99	14.53	14.82
		2639(41080)	14.99	15.06	14.59	14.87
		2593 (40620)	15.09	15.16	14.75	15.04
		2547(40160)	15.04	15.16	14.66	14.94
		2501 (39700)	14.99	14.99	14.54	14.83
	1RB-Middle (24)	2685 (41540)	14.82	14.95	14.40	14.69
		2639(41080)	14.93	14.94	14.51	14.80
		2593 (40620)	15.12	15.13	14.68	14.97
		2547(40160)	14.99	15.03	14.57	14.86
		2501 (39700)	14.88	14.97	14.52	14.80
	1RB-Low (0)	2685 (41540)	14.96	15.05	14.54	14.83
		2639(41080)	15.01	15.07	14.63	14.92
		2593 (40620)	15.13	15.21	14.78	15.07
		2547(40160)	15.01	15.12	14.66	14.95
		2501 (39700)	15.00	15.07	14.61	14.90
	25RB-High (25)	2685 (41540)	14.88	14.89	14.81	15.10
		2639(41080)	14.94	14.93	14.87	15.16
		2593 (40620)	15.02	15.06	14.97	15.27
		2547(40160)	15.02	15.03	14.97	15.26
		2501 (39700)	14.86	14.91	14.84	15.13
	25RB-Middle (12)	2685 (41540)	14.85	14.86	14.78	15.07
		2639(41080)	14.91	14.93	14.86	15.15
		2593 (40620)	15.00	15.03	14.97	15.26
		2547(40160)	14.98	14.99	14.91	15.21
		2501 (39700)	14.86	14.90	14.83	15.12
	25RB-Low (0)	2685 (41540)	14.89	14.93	14.82	15.11
		2639(41080)	14.96	14.96	14.91	15.20
		2593 (40620)	15.06	15.11	15.01	15.30
		2547(40160)	15.01	15.03	14.97	15.27
		2501 (39700)	14.91	14.95	14.87	15.16
	50RB (0)	2685 (41540)	14.87	14.93	14.78	15.07
		2639(41080)	14.93	14.97	14.84	15.14
		2593 (40620)	15.05	15.10	14.98	15.28
		2547(40160)	15.01	15.06	14.93	15.22
		2501 (39700)	14.90	14.95	14.82	15.11

15MHz	1RB-High (74)	2682.5 (41515)	15.08	15.10	14.59	14.87
		2637.8(41068)	15.14	15.16	14.66	14.94
		2593 (40620)	15.23	15.27	14.75	15.04
		2548.3(40173)	15.21	15.18	14.74	15.03
		2503.5 (39725)	14.99	15.03	14.53	14.81
	1RB-Middle (37)	2682.5 (41515)	15.06	15.06	14.54	14.83
		2637.8(41068)	15.11	15.13	14.64	14.93
		2593 (40620)	15.21	15.26	14.76	15.05
		2548.3(40173)	15.13	15.15	14.66	14.95
		2503.5 (39725)	14.99	15.03	14.55	14.84
	1RB-Low (0)	2682.5 (41515)	15.14	15.19	14.65	14.94
		2637.8(41068)	15.22	15.23	14.74	15.03
		2593 (40620)	15.27	15.29	14.79	15.08
		2548.3(40173)	15.14	15.19	14.71	15.00
		2503.5 (39725)	15.09	15.11	14.61	14.90
	36RB-High (38)	2682.5 (41515)	15.00	14.94	14.82	15.11
		2637.8(41068)	15.06	15.02	14.88	15.17
		2593 (40620)	15.15	15.10	14.99	15.28
		2548.3(40173)	15.12	15.09	14.98	15.28
		2503.5 (39725)	14.96	14.92	14.81	15.10
	36RB-Middle (19)	2682.5 (41515)	14.99	14.95	14.80	15.09
		2637.8(41068)	15.04	15.00	14.86	15.15
		2593 (40620)	15.07	15.06	14.94	15.23
		2548.3(40173)	15.08	15.06	14.92	15.21
		2503.5 (39725)	14.93	14.92	14.79	15.08
	36RB-Low (0)	2682.5 (41515)	15.03	14.99	14.83	15.12
		2637.8(41068)	15.08	15.02	14.89	15.18
		2593 (40620)	15.19	15.16	15.02	15.31
		2548.3(40173)	15.11	15.06	14.96	15.25
		2503.5 (39725)	14.97	14.94	14.80	15.09
	75RB (0)	2682.5 (41515)	15.02	15.00	14.85	15.14
		2637.8(41068)	15.06	15.07	14.93	15.22
		2593 (40620)	15.18	15.21	15.04	15.34
		2548.3(40173)	15.11	15.14	14.99	15.28
		2503.5 (39725)	14.96	14.98	14.83	15.12

20MHz	1RB-High (99)	2680 (41490)	15.13	15.21	14.79	14.66
		2636.5(41055)	15.20	15.29	14.88	14.70
		2593 (40620)	15.09	15.16	14.75	14.83
		2549.5(40185)	15.27	15.35	14.92	14.88
		2506 (39750)	15.01	15.08	14.66	14.61
	1RB-Middle (50)	2680 (41490)	15.06	15.13	14.74	14.59
		2636.5(41055)	15.09	15.17	14.76	14.72
		2593 (40620)	15.11	15.18	14.79	14.88
		2549.5(40185)	15.24	15.35	14.93	14.88
		2506 (39750)	14.86	14.93	14.52	14.50
	1RB-Low (0)	2680 (41490)	15.21	15.33	14.88	14.73
		2636.5(41055)	15.24	15.30	14.91	14.84
		2593 (40620)	15.20	15.30	14.86	14.91
		2549.5(40185)	15.31	15.38	14.96	14.89
		2506 (39750)	14.93	15.02	14.59	14.55
	50RB-High (50)	2680 (41490)	15.13	15.15	15.17	14.98
		2636.5(41055)	15.18	15.18	15.20	15.03
		2593 (40620)	15.10	15.09	15.10	15.14
		2549.5(40185)	15.31	15.32	15.33	15.19
		2506 (39750)	14.93	14.95	14.96	14.88
	50RB-Middle (25)	2680 (41490)	15.11	15.14	15.15	14.96
		2636.5(41055)	15.14	15.15	15.17	15.04
		2593 (40620)	15.10	15.12	15.15	15.17
		2549.5(40185)	15.29	15.32	15.34	15.15
		2506 (39750)	14.90	14.89	14.91	14.81
	50RB-Low (0)	2680 (41490)	15.16	15.20	15.19	15.01
		2636.5(41055)	15.18	15.19	15.19	15.06
		2593 (40620)	15.13	15.17	15.19	15.22
		2549.5(40185)	15.28	15.34	15.33	15.18
		2506 (39750)	14.92	14.93	14.94	14.84
	100RB (0)	2680 (41490)	15.11	15.15	15.15	14.96
		2636.5(41055)	15.19	15.20	15.21	15.02
		2593 (40620)	15.09	15.12	15.14	15.15
		2549.5(40185)	15.26	15.31	15.32	15.17
		2506 (39750)	14.92	14.92	14.95	14.87

LTE Band41-PC3(ANT4 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.08	18.12	17.66	14.83
		2640.3(41093)	18.11	18.12	17.69	14.85
		2593 (40620)	18.27	18.28	17.87	15.01
		2545.8(40148)	18.16	18.20	17.78	14.93
		2498.5 (39675)	18.42	18.48	18.06	15.17
	1RB-Middle (12)	2687.5 (41565)	18.07	18.02	17.59	14.77
		2640.3(41093)	18.15	18.08	17.64	14.81
		2593 (40620)	18.35	18.33	17.92	15.05
		2545.8(40148)	18.17	18.16	17.78	14.93
		2498.5 (39675)	18.53	18.49	18.03	15.14
	1RB-Low (0)	2687.5 (41565)	18.08	18.13	17.66	14.83
		2640.3(41093)	18.09	18.17	17.73	14.89
		2593 (40620)	18.35	18.36	17.93	15.06
		2545.8(40148)	18.18	18.22	17.80	14.95
		2498.5 (39675)	18.55	18.58	18.13	15.22
	12RB-High (13)	2687.5 (41565)	18.02	17.93	16.99	15.05
		2640.3(41093)	18.07	17.97	17.04	15.09
		2593 (40620)	18.23	18.13	17.19	15.23
		2545.8(40148)	18.13	18.05	17.11	15.16
		2498.5 (39675)	18.41	18.31	17.39	15.40
	12RB-Middle (6)	2687.5 (41565)	18.04	17.93	16.99	15.05
		2640.3(41093)	18.03	17.91	17.00	15.06
		2593 (40620)	18.24	18.14	17.21	15.24
		2545.8(40148)	18.12	18.01	17.10	15.15
		2498.5 (39675)	18.44	18.30	17.42	15.43
	12RB-Low (0)	2687.5 (41565)	18.07	17.94	17.04	15.09
		2640.3(41093)	18.09	18.01	17.09	15.14
		2593 (40620)	18.28	18.19	17.26	15.29
		2545.8(40148)	18.16	18.05	17.14	15.18
		2498.5 (39675)	18.51	18.42	17.50	15.50
	25RB (0)	2687.5 (41565)	18.07	17.98	17.03	15.08
		2640.3(41093)	18.07	17.99	17.02	15.08
		2593 (40620)	18.26	18.16	17.22	15.25
		2545.8(40148)	18.17	18.09	17.14	15.18
		2498.5 (39675)	18.51	18.41	17.47	15.47

10MHz	1RB-High (49)	2685 (41540)	18.12	18.15	17.72	14.88
		2639(41080)	18.18	18.20	17.74	14.90
		2593 (40620)	18.31	18.36	17.91	15.04
		2547(40160)	18.18	18.24	17.81	14.96
		2501 (39700)	18.34	18.40	17.93	15.06
	1RB-Middle (24)	2685 (41540)	18.02	18.05	17.58	14.76
		2639(41080)	18.11	18.06	17.64	14.81
		2593 (40620)	18.25	18.31	17.86	15.00
		2547(40160)	18.19	18.22	17.74	14.90
		2501 (39700)	18.35	18.40	17.99	15.11
	1RB-Low (0)	2685 (41540)	18.10	18.15	17.70	14.86
		2639(41080)	18.20	18.23	17.80	14.95
		2593 (40620)	18.38	18.42	17.97	15.09
		2547(40160)	18.28	18.30	17.86	15.00
		2501 (39700)	18.60	18.61	18.17	15.26
	25RB-High (25)	2685 (41540)	18.06	17.95	17.03	15.08
		2639(41080)	18.11	18.02	17.07	15.12
		2593 (40620)	18.26	18.17	17.25	15.28
		2547(40160)	18.15	18.09	17.12	15.16
		2501 (39700)	18.37	18.26	17.32	15.34
	25RB-Middle (12)	2685 (41540)	18.00	17.96	17.03	15.08
		2639(41080)	18.08	17.97	17.05	15.10
		2593 (40620)	18.25	18.18	17.26	15.29
		2547(40160)	18.11	18.03	17.11	15.16
		2501 (39700)	18.38	18.29	17.35	15.37
	25RB-Low (0)	2685 (41540)	18.04	17.97	17.01	15.07
		2639(41080)	18.10	18.03	17.08	15.13
		2593 (40620)	18.31	18.24	17.29	15.32
		2547(40160)	18.18	18.11	17.17	15.21
		2501 (39700)	18.47	18.38	17.45	15.46
	50RB (0)	2685 (41540)	18.05	18.02	16.99	15.05
		2639(41080)	18.07	18.06	17.02	15.08
		2593 (40620)	18.27	18.26	17.23	15.26
		2547(40160)	18.16	18.16	17.11	15.16
		2501 (39700)	18.42	18.36	17.36	15.38

15MHz	1RB-High (74)	2682.5 (41515)	18.11	18.14	17.67	14.84
		2637.8(41068)	18.14	18.20	17.72	14.88
		2593 (40620)	18.31	18.35	17.88	15.01
		2548.3(40173)	18.24	18.26	17.80	14.95
		2503.5 (39725)	18.27	18.27	17.84	14.98
	1RB-Middle (37)	2682.5 (41515)	18.04	18.08	17.59	14.77
		2637.8(41068)	18.10	18.15	17.70	14.86
		2593 (40620)	18.31	18.34	17.92	15.05
		2548.3(40173)	18.14	18.23	17.76	14.91
		2503.5 (39725)	18.35	18.38	17.95	15.07
	1RB-Low (0)	2682.5 (41515)	18.15	18.18	17.72	14.88
		2637.8(41068)	18.23	18.22	17.81	14.96
		2593 (40620)	18.38	18.39	17.95	15.07
		2548.3(40173)	18.27	18.31	17.85	14.99
		2503.5 (39725)	18.55	18.58	18.15	15.24
	36RB-High (38)	2682.5 (41515)	18.03	17.94	16.98	15.04
		2637.8(41068)	18.08	18.00	17.02	15.08
		2593 (40620)	18.26	18.15	17.18	15.22
		2548.3(40173)	18.17	18.08	17.10	15.15
		2503.5 (39725)	18.27	18.20	17.20	15.24
	36RB-Middle (19)	2682.5 (41515)	17.98	17.93	16.97	15.03
		2637.8(41068)	18.07	17.98	17.02	15.08
		2593 (40620)	18.19	18.11	17.15	15.19
		2548.3(40173)	18.10	18.04	17.04	15.09
		2503.5 (39725)	18.30	18.23	17.25	15.28
	36RB-Low (0)	2682.5 (41515)	18.04	17.96	17.00	15.06
		2637.8(41068)	18.06	18.01	17.02	15.08
		2593 (40620)	18.28	18.23	17.22	15.25
		2548.3(40173)	18.16	18.10	17.09	15.14
		2503.5 (39725)	18.40	18.30	17.30	15.32
	75RB (0)	2682.5 (41515)	18.01	18.02	17.04	15.09
		2637.8(41068)	18.08	18.08	17.06	15.11
		2593 (40620)	18.28	18.27	17.28	15.31
		2548.3(40173)	18.16	18.15	17.14	15.18
		2503.5 (39725)	18.33	18.29	17.28	15.31

20MHz	1RB-High (99)	2680 (41490)	18.02	18.09	17.62	14.80
		2636.5(41055)	18.06	18.09	17.63	14.80
		2593 (40620)	18.20	18.22	17.77	14.92
		2549.5(40185)	18.18	18.20	17.77	14.92
		2506 (39750)	18.11	18.15	17.70	14.86
	1RB-Middle (50)	2680 (41490)	17.93	17.99	17.50	14.69
		2636.5(41055)	18.02	18.12	17.64	14.81
		2593 (40620)	18.27	18.27	17.78	14.93
		2549.5(40185)	18.06	18.13	17.69	14.85
		2506 (39750)	18.15	18.12	17.72	14.88
	1RB-Low (0)	2680 (41490)	18.02	18.11	17.62	14.80
		2636.5(41055)	18.19	18.22	17.77	14.92
		2593 (40620)	18.41	18.34	17.87	15.01
		2549.5(40185)	18.23	18.26	17.82	14.96
		2506 (39750)	18.33	18.45	17.99	15.11
	50RB-High (50)	2680 (41490)	17.99	17.95	16.94	15.01
		2636.5(41055)	18.04	18.00	17.00	15.06
		2593 (40620)	18.18	18.14	17.14	15.18
		2549.5(40185)	18.16	18.09	17.10	15.15
		2506 (39750)	18.11	18.06	17.07	15.12
	50RB-Middle (25)	2680 (41490)	17.99	17.91	16.94	15.01
		2636.5(41055)	18.06	17.98	17.02	15.08
		2593 (40620)	18.21	18.16	17.16	15.20
		2549.5(40185)	18.11	18.07	17.07	15.12
		2506 (39750)	18.12	18.07	17.08	15.13
	50RB-Low (0)	2680 (41490)	18.02	17.97	16.98	15.04
		2636.5(41055)	18.09	18.03	17.03	15.08
		2593 (40620)	18.24	18.19	17.21	15.24
		2549.5(40185)	18.18	18.12	17.12	15.16
		2506 (39750)	18.23	18.18	17.18	15.22
	100RB (0)	2680 (41490)	17.99	17.98	16.92	14.99
		2636.5(41055)	18.04	18.01	16.98	15.04
		2593 (40620)	18.20	18.17	17.14	15.18
		2549.5(40185)	18.16	18.10	17.10	15.15
		2506 (39750)	18.15	18.11	17.11	15.16

LTE Band41-PC3(ANT4 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	16.81	16.85	16.47	14.77
		2640.3(41093)	16.83	16.88	16.50	14.80
		2593 (40620)	16.98	17.06	16.67	14.95
		2545.8(40148)	16.90	16.95	16.57	14.86
		2498.5 (39675)	17.15	17.21	16.86	15.12
	1RB-Middle (12)	2687.5 (41565)	16.92	16.78	16.36	14.68
		2640.3(41093)	16.86	16.86	16.52	14.82
		2593 (40620)	17.05	17.03	16.65	14.94
		2545.8(40148)	16.94	16.90	16.54	14.84
		2498.5 (39675)	17.20	17.24	16.87	15.13
	1RB-Low (0)	2687.5 (41565)	16.81	16.86	16.47	14.77
		2640.3(41093)	16.87	16.90	16.54	14.84
		2593 (40620)	17.04	17.11	16.73	15.01
		2545.8(40148)	16.92	16.99	16.61	14.90
		2498.5 (39675)	17.30	17.30	16.93	15.19
	12RB-High (13)	2687.5 (41565)	16.75	16.74	16.80	15.07
		2640.3(41093)	16.79	16.77	16.86	15.12
		2593 (40620)	16.94	16.94	16.99	15.24
		2545.8(40148)	16.85	16.84	16.92	15.18
		2498.5 (39675)	17.11	17.10	17.17	15.40
	12RB-Middle (6)	2687.5 (41565)	16.76	16.69	16.79	15.06
		2640.3(41093)	16.78	16.75	16.82	15.09
		2593 (40620)	16.94	16.92	17.02	15.27
		2545.8(40148)	16.83	16.77	16.91	15.17
		2498.5 (39675)	17.15	17.13	17.24	15.47
	12RB-Low (0)	2687.5 (41565)	16.79	16.75	16.85	15.12
		2640.3(41093)	16.83	16.82	16.89	15.15
		2593 (40620)	17.02	16.96	17.05	15.29
		2545.8(40148)	16.90	16.88	16.94	15.20
		2498.5 (39675)	17.22	17.22	17.31	15.53
	25RB (0)	2687.5 (41565)	16.81	16.79	16.84	15.11
		2640.3(41093)	16.81	16.81	16.85	15.12
		2593 (40620)	16.98	16.96	17.03	15.28
		2545.8(40148)	16.92	16.87	16.93	15.19
		2498.5 (39675)	17.23	17.22	17.27	15.49

10MHz	1RB-High (49)	2685 (41540)	16.82	16.89	16.50	14.80
		2639(41080)	16.87	16.93	16.54	14.84
		2593 (40620)	17.02	17.11	16.72	15.00
		2547(40160)	16.94	16.98	16.57	14.86
		2501 (39700)	17.07	17.12	16.76	15.03
	1RB-Middle (24)	2685 (41540)	16.75	16.77	16.41	14.72
		2639(41080)	16.83	16.83	16.44	14.75
		2593 (40620)	17.01	17.03	16.63	14.92
		2547(40160)	16.86	16.90	16.53	14.83
		2501 (39700)	17.10	17.14	16.80	15.07
	1RB-Low (0)	2685 (41540)	16.86	16.90	16.49	14.79
		2639(41080)	16.93	16.97	16.60	14.89
		2593 (40620)	17.11	17.15	16.78	15.05
		2547(40160)	16.98	17.03	16.63	14.92
		2501 (39700)	17.33	17.35	16.97	15.22
	25RB-High (25)	2685 (41540)	16.78	16.77	16.84	15.11
		2639(41080)	16.83	16.80	16.88	15.14
		2593 (40620)	16.98	16.97	17.02	15.27
		2547(40160)	16.87	16.87	16.93	15.19
		2501 (39700)	17.07	17.05	17.12	15.36
	25RB-Middle (12)	2685 (41540)	16.76	16.76	16.83	15.10
		2639(41080)	16.81	16.80	16.87	15.13
		2593 (40620)	16.99	16.98	17.03	15.28
		2547(40160)	16.85	16.85	16.92	15.18
		2501 (39700)	17.08	17.11	17.15	15.38
	25RB-Low (0)	2685 (41540)	16.77	16.78	16.82	15.09
		2639(41080)	16.84	16.81	16.89	15.15
		2593 (40620)	17.06	17.05	17.09	15.33
		2547(40160)	16.89	16.89	16.94	15.20
		2501 (39700)	17.19	17.19	17.24	15.47
	50RB (0)	2685 (41540)	16.78	16.79	16.78	15.05
		2639(41080)	16.82	16.87	16.85	15.12
		2593 (40620)	16.99	17.04	17.02	15.27
		2547(40160)	16.88	16.94	16.89	15.15
		2501 (39700)	17.13	17.15	17.15	15.38

15MHz	1RB-High (74)	2682.5 (41515)	16.85	16.89	16.48	14.78
		2637.8(41068)	16.89	16.92	16.54	14.84
		2593 (40620)	17.03	17.08	16.69	14.97
		2548.3(40173)	16.95	17.02	16.61	14.90
		2503.5 (39725)	16.99	17.04	16.64	14.93
	1RB-Middle (37)	2682.5 (41515)	16.74	16.81	16.40	14.71
		2637.8(41068)	16.85	16.88	16.50	14.80
		2593 (40620)	17.05	17.09	16.73	15.01
		2548.3(40173)	16.86	16.92	16.53	14.83
		2503.5 (39725)	17.07	17.14	16.73	15.01
	1RB-Low (0)	2682.5 (41515)	16.89	16.94	16.54	14.84
		2637.8(41068)	16.95	17.00	16.61	14.90
		2593 (40620)	17.10	17.15	16.78	15.05
		2548.3(40173)	17.01	17.04	16.66	14.94
		2503.5 (39725)	17.28	17.32	16.93	15.19
	36RB-High (38)	2682.5 (41515)	16.76	16.74	16.76	15.03
		2637.8(41068)	16.82	16.80	16.84	15.11
		2593 (40620)	16.96	16.96	16.97	15.22
		2548.3(40173)	16.87	16.86	16.90	15.16
		2503.5 (39725)	16.99	16.97	17.00	15.25
	36RB-Middle (19)	2682.5 (41515)	16.73	16.74	16.76	15.03
		2637.8(41068)	16.79	16.79	16.84	15.11
		2593 (40620)	16.93	16.93	16.93	15.19
		2548.3(40173)	16.85	16.84	16.85	15.12
		2503.5 (39725)	17.04	17.04	17.04	15.29
	36RB-Low (0)	2682.5 (41515)	16.77	16.77	16.78	15.05
		2637.8(41068)	16.81	16.79	16.83	15.10
		2593 (40620)	17.01	17.01	17.04	15.29
		2548.3(40173)	16.87	16.87	16.90	15.16
		2503.5 (39725)	17.11	17.09	17.12	15.36
	75RB (0)	2682.5 (41515)	16.77	16.82	16.80	15.07
		2637.8(41068)	16.80	16.86	16.88	15.14
		2593 (40620)	17.02	17.08	17.08	15.32
		2548.3(40173)	16.89	16.93	16.91	15.17
		2503.5 (39725)	17.06	17.09	17.09	15.33

20MHz	1RB-High (99)	2680 (41490)	16.75	16.84	16.41	14.72
		2636.5(41055)	16.78	16.85	16.43	14.74
		2593 (40620)	16.93	16.99	16.58	14.87
		2549.5(40185)	16.92	16.98	16.56	14.86
		2506 (39750)	16.85	16.89	16.48	14.78
	1RB-Middle (50)	2680 (41490)	16.70	16.75	16.31	14.63
		2636.5(41055)	16.80	16.83	16.40	14.71
		2593 (40620)	16.99	17.03	16.63	14.92
		2549.5(40185)	16.80	16.88	16.45	14.76
		2506 (39750)	16.86	16.91	16.48	14.78
	1RB-Low (0)	2680 (41490)	16.99	16.84	16.41	14.72
		2636.5(41055)	17.02	16.96	16.57	14.86
		2593 (40620)	17.13	17.08	16.67	14.95
		2549.5(40185)	17.09	17.02	16.60	14.89
		2506 (39750)	17.05	17.21	16.78	15.05
	50RB-High (50)	2680 (41490)	16.76	16.75	16.73	15.01
		2636.5(41055)	16.77	16.80	16.79	15.06
		2593 (40620)	16.93	16.93	16.94	15.20
		2549.5(40185)	16.91	16.91	16.90	15.16
		2506 (39750)	16.85	16.85	16.87	15.13
	50RB-Middle (25)	2680 (41490)	16.73	16.73	16.75	15.03
		2636.5(41055)	16.79	16.81	16.82	15.09
		2593 (40620)	16.94	16.97	16.98	15.23
		2549.5(40185)	16.84	16.86	16.86	15.12
		2506 (39750)	16.87	16.86	16.89	15.15
	50RB-Low (0)	2680 (41490)	16.98	16.76	16.78	15.05
		2636.5(41055)	17.00	16.83	16.86	15.12
		2593 (40620)	17.09	17.01	17.03	15.28
		2549.5(40185)	17.05	16.91	16.90	15.16
		2506 (39750)	17.07	16.97	16.99	15.24
	100RB (0)	2680 (41490)	16.72	16.74	16.72	15.00
		2636.5(41055)	16.78	16.83	16.80	15.07
		2593 (40620)	16.95	16.95	16.98	15.23
		2549.5(40185)	16.87	16.89	16.89	15.15
		2506 (39750)	16.90	16.91	16.93	15.19

LTE Band66(ANT5 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	20.89	20.78	20.52	18.93
		1745 (132322)	20.44	20.62	20.41	18.70
		1710.7 (131979)	20.94	20.80	20.72	18.95
	1RB-Middle (3)	1779.3 (132665)	20.58	20.77	20.60	18.74
		1745 (132322)	20.41	20.54	20.43	18.71
		1710.7 (131979)	20.95	20.86	20.67	18.86
	1RB-Low (0)	1779.3 (132665)	20.52	20.68	20.57	18.91
		1745 (132322)	20.58	20.56	20.25	18.74
		1710.7 (131979)	20.94	21.07	20.69	18.74
	3RB-High (3)	1779.3 (132665)	20.62	20.77	20.43	18.78
		1745 (132322)	20.55	20.54	20.36	18.65
		1710.7 (131979)	20.95	20.83	20.60	18.72
	3RB-Middle (1)	1779.3 (132665)	20.72	20.65	20.37	18.72
		1745 (132322)	20.51	20.42	20.22	18.94
		1710.7 (131979)	20.86	21.05	20.51	18.88
	3RB-Low (0)	1779.3 (132665)	20.75	20.68	20.49	18.85
		1745 (132322)	20.50	20.74	20.40	18.86
		1710.7 (131979)	20.77	21.05	20.64	18.91
	6RB (0)	1779.3 (132665)	20.76	20.72	20.42	18.71
		1745 (132322)	20.59	20.59	20.30	18.85
		1710.7 (131979)	20.83	20.95	20.57	18.66
3MHz	1RB-High (14)	1778.5 (132657)	20.84	20.74	20.57	18.95
		1745 (132322)	20.76	20.68	20.36	18.96
		1711.5 (131987)	21.08	20.99	20.65	18.66
	1RB-Middle (7)	1778.5 (132657)	20.76	20.93	20.52	18.91
		1745 (132322)	20.72	20.81	20.17	18.86
		1711.5 (131987)	20.56	20.77	20.49	18.85
	1RB-Low (0)	1778.5 (132657)	21.03	20.97	20.70	18.90
		1745 (132322)	20.51	20.70	20.81	18.64
		1711.5 (131987)	20.96	20.99	20.71	19.01
	8RB-High (7)	1778.5 (132657)	20.80	20.81	20.35	18.77
		1745 (132322)	20.52	20.72	20.33	18.89
		1711.5 (131987)	20.80	21.00	20.57	18.71
	8RB-Middle (4)	1778.5 (132657)	20.76	20.80	20.52	18.71
		1745 (132322)	20.58	20.63	20.36	18.76
		1711.5 (131987)	20.87	20.99	20.57	18.96
	8RB-Low (0)	1778.5 (132657)	20.75	20.88	20.43	18.86
		1745 (132322)	20.69	20.87	20.33	18.71
		1711.5 (131987)	20.94	20.99	20.65	18.62
	15RB (0)	1778.5 (132657)	20.68	20.81	20.53	18.85
		1745 (132322)	20.59	20.69	20.38	18.84
		1711.5 (131987)	20.96	20.97	20.59	18.89

5MHz	1RB-High (24)	1777.5 (132647)	20.65	20.65	20.73	18.82
		1745 (132322)	20.60	20.63	20.57	18.74
		1712.5 (131997)	21.00	20.86	20.82	18.96
	1RB-Middle (12)	1777.5 (132647)	20.65	20.63	20.56	18.90
		1745 (132322)	20.78	20.51	20.42	18.78
		1712.5 (131997)	21.02	21.07	20.64	18.93
	1RB-Low (0)	1777.5 (132647)	20.78	20.89	20.50	18.65
		1745 (132322)	20.78	21.08	20.59	19.00
		1712.5 (131997)	21.13	21.02	20.81	18.76
	12RB-High (13)	1777.5 (132647)	20.75	20.82	20.57	18.85
		1745 (132322)	20.72	20.73	20.50	18.92
		1712.5 (131997)	20.88	20.92	20.70	18.89
	12RB-Middle (6)	1777.5 (132647)	20.72	20.78	20.52	18.87
		1745 (132322)	20.61	20.69	20.43	18.94
		1712.5 (131997)	20.89	20.92	20.64	18.61
	12RB-Low (0)	1777.5 (132647)	20.79	20.83	20.62	18.68
		1745 (132322)	20.68	20.80	20.54	18.89
		1712.5 (131997)	20.98	21.05	20.74	18.94
	25RB (0)	1777.5 (132647)	20.77	20.86	20.53	18.97
		1745 (132322)	20.76	20.79	20.47	18.74
		1712.5 (131997)	20.97	21.05	20.62	19.00
10MHz	1RB-High (49)	1775 (132622)	20.94	21.09	20.68	18.69
		1745 (132322)	20.92	21.08	20.80	18.88
		1715 (132022)	20.88	20.92	20.82	18.93
	1RB-Middle (24)	1775 (132622)	20.77	20.71	20.65	18.65
		1745 (132322)	20.81	20.69	20.49	19.00
		1715 (132022)	20.66	20.80	20.64	18.88
	1RB-Low (0)	1775 (132622)	20.76	20.59	20.36	18.77
		1745 (132322)	20.87	20.96	20.78	18.77
		1715 (132022)	20.99	21.02	20.80	18.81
	25RB-High (25)	1775 (132622)	20.79	20.84	20.46	18.61
		1745 (132322)	20.83	20.83	20.57	18.86
		1715 (132022)	20.78	20.86	20.50	18.80
	25RB-Middle (12)	1775 (132622)	20.71	20.77	20.42	18.80
		1745 (132322)	20.76	20.74	20.44	18.82
		1715 (132022)	20.88	20.91	20.54	18.71
	25RB-Low (0)	1775 (132622)	20.67	20.73	20.41	18.99
		1745 (132322)	20.86	20.91	20.54	18.93
		1715 (132022)	20.90	20.98	20.68	18.79
	50RB (0)	1775 (132622)	20.69	20.74	20.43	18.66
		1745 (132322)	20.80	20.81	20.54	18.80
		1715 (132022)	20.84	20.89	20.56	18.77

15MHz	1RB-High (74)	1772.5 (132597)	20.80	21.03	20.72	18.96
		1745 (132322)	20.99	21.08	20.68	18.77
		1717.5 (132047)	20.83	20.92	20.62	18.86
	1RB-Middle (37)	1772.5 (132597)	20.66	20.75	20.36	18.70
		1745 (132322)	20.57	20.73	20.50	18.95
		1717.5 (132047)	20.89	20.69	20.59	18.71
	1RB-Low (0)	1772.5 (132597)	20.57	20.90	20.48	18.94
		1745 (132322)	21.11	21.07	20.74	18.82
		1717.5 (132047)	20.99	20.89	20.88	19.00
	36RB-High (38)	1772.5 (132597)	20.76	20.79	20.46	18.72
		1745 (132322)	20.79	20.82	20.52	18.65
		1717.5 (132047)	20.68	20.73	20.42	18.92
	36RB-Middle (19)	1772.5 (132597)	20.55	20.56	20.35	18.88
		1745 (132322)	20.71	20.74	20.42	18.68
		1717.5 (132047)	20.70	20.74	20.46	18.67
	36RB-Low (0)	1772.5 (132597)	20.49	20.50	20.22	18.74
		1745 (132322)	20.85	20.84	20.59	18.66
		1717.5 (132047)	20.88	20.88	20.63	18.89
	75RB (0)	1772.5 (132597)	20.64	20.67	20.32	18.65
		1745 (132322)	20.84	20.93	20.59	18.70
		1717.5 (132047)	20.84	20.89	20.54	18.90
20MHz	1RB-High (99)	1770 (132572)	21.09	21.08	21.13	18.82
		1745 (132322)	21.03	21.07	21.12	18.81
		1720 (132072)	20.72	20.99	20.92	18.63
	1RB-Middle (50)	1770 (132572)	20.24	20.46	20.44	18.21
		1745 (132322)	20.81	20.87	21.04	18.74
		1720 (132072)	20.67	20.82	20.67	18.41
	1RB-Low (0)	1770 (132572)	20.89	20.85	20.95	18.66
		1745 (132322)	20.83	21.13	21.05	18.75
		1720 (132072)	20.73	21.03	20.96	18.67
	50RB-High (50)	1770 (132572)	20.78	20.76	20.59	18.62
		1745 (132322)	20.96	20.99	20.71	18.73
		1720 (132072)	20.63	20.60	20.33	18.38
	50RB-Middle (25)	1770 (132572)	20.49	20.52	20.32	18.37
		1745 (132322)	20.84	20.83	20.58	18.61
		1720 (132072)	20.59	20.60	20.34	18.39
	50RB-Low (0)	1770 (132572)	20.54	20.55	20.30	18.36
		1745 (132322)	20.86	20.78	20.59	18.62
		1720 (132072)	20.69	20.72	20.50	18.54
	100RB (0)	1770 (132572)	20.68	20.62	20.42	18.47
		1745 (132322)	20.88	20.86	20.63	18.66
		1720 (132072)	20.69	20.68	20.43	18.47

LTE Band66(ANT5 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.69	22.96	21.89	18.92
		1745 (132322)	23.54	22.94	21.75	18.94
		1710.7 (131979)	23.07	22.39	21.21	18.80
	1RB-Middle (3)	1779.3 (132665)	23.71	22.92	21.83	18.85
		1745 (132322)	23.56	22.85	21.79	18.74
		1710.7 (131979)	23.08	22.36	21.19	18.96
	1RB-Low (0)	1779.3 (132665)	23.58	22.89	21.93	18.90
		1745 (132322)	23.56	22.88	21.79	18.85
		1710.7 (131979)	23.11	22.17	21.32	19.04
	3RB-High (3)	1779.3 (132665)	23.60	22.57	21.77	18.64
		1745 (132322)	23.51	22.50	21.60	18.95
		1710.7 (131979)	23.03	22.00	21.14	19.08
	3RB-Middle (1)	1779.3 (132665)	23.58	22.58	21.73	18.91
		1745 (132322)	23.50	22.54	21.63	18.89
		1710.7 (131979)	22.99	22.58	21.15	18.93
	3RB-Low (0)	1779.3 (132665)	23.62	22.72	21.77	18.66
		1745 (132322)	23.46	22.47	21.67	18.85
		1710.7 (131979)	22.99	22.01	21.17	19.08
	6RB (0)	1779.3 (132665)	22.59	21.75	20.62	18.75
		1745 (132322)	22.46	21.59	20.47	18.63
		1710.7 (131979)	22.01	21.11	20.01	19.06
3MHz	1RB-High (14)	1778.5 (132657)	23.63	22.97	21.85	19.09
		1745 (132322)	23.46	22.68	21.69	18.74
		1711.5 (131987)	23.09	22.50	21.37	18.93
	1RB-Middle (7)	1778.5 (132657)	23.62	22.74	21.79	19.05
		1745 (132322)	23.56	22.79	21.73	18.70
		1711.5 (131987)	23.04	22.30	21.29	18.81
	1RB-Low (0)	1778.5 (132657)	23.71	22.84	21.81	19.00
		1745 (132322)	23.48	22.81	21.66	18.79
		1711.5 (131987)	23.08	22.37	21.30	18.91
	8RB-High (7)	1778.5 (132657)	22.55	21.72	20.63	18.79
		1745 (132322)	22.51	21.63	20.53	18.94
		1711.5 (131987)	22.09	21.19	20.08	18.88
	8RB-Middle (4)	1778.5 (132657)	22.58	21.68	20.66	18.95
		1745 (132322)	22.46	21.58	20.56	19.00
		1711.5 (131987)	22.04	21.13	20.08	18.61
	8RB-Low (0)	1778.5 (132657)	22.62	21.68	20.63	18.99
		1745 (132322)	22.54	21.63	20.57	18.90
		1711.5 (131987)	22.03	21.17	20.05	19.03
	15RB (0)	1778.5 (132657)	22.62	21.69	20.67	19.01
		1745 (132322)	22.47	21.55	20.52	18.62
		1711.5 (131987)	22.01	21.08	20.04	18.81

5MHz	1RB-High (24)	1777.5 (132647)	23.70	22.88	21.94	18.70
		1745 (132322)	23.51	22.75	21.70	18.73
		1712.5 (131997)	23.21	22.52	21.38	19.07
	1RB-Middle (12)	1777.5 (132647)	23.71	23.01	21.90	18.86
		1745 (132322)	23.57	22.93	21.72	18.76
		1712.5 (131997)	23.08	22.35	21.37	18.81
	1RB-Low (0)	1777.5 (132647)	23.67	22.96	21.91	18.72
		1745 (132322)	23.53	22.88	21.76	18.93
		1712.5 (131997)	23.10	22.37	21.27	18.64
	12RB-High (13)	1777.5 (132647)	22.72	21.68	20.77	18.76
		1745 (132322)	22.54	21.62	20.59	18.88
		1712.5 (131997)	22.14	21.17	20.22	19.02
	12RB-Middle (6)	1777.5 (132647)	22.62	21.68	20.70	18.85
		1745 (132322)	22.52	21.62	20.61	19.05
		1712.5 (131997)	22.07	21.14	20.20	19.02
	12RB-Low (0)	1777.5 (132647)	22.67	21.68	20.75	19.02
		1745 (132322)	22.54	21.59	20.62	18.65
		1712.5 (131997)	22.08	21.17	20.20	18.83
	25RB (0)	1777.5 (132647)	22.70	21.71	20.69	18.67
		1745 (132322)	22.57	21.63	20.58	18.84
		1712.5 (131997)	22.16	21.20	20.20	18.84
10MHz	1RB-High (49)	1775 (132622)	23.84	23.01	22.04	19.07
		1745 (132322)	23.40	22.84	21.62	18.78
		1715 (132022)	23.27	22.58	21.54	18.72
	1RB-Middle (24)	1775 (132622)	23.64	22.89	21.82	18.64
		1745 (132322)	23.65	22.88	21.90	18.91
		1715 (132022)	23.18	22.35	21.41	18.59
	1RB-Low (0)	1775 (132622)	23.75	22.94	21.89	18.59
		1745 (132322)	23.48	22.71	21.77	18.93
		1715 (132022)	23.15	22.47	21.40	18.85
	25RB-High (25)	1775 (132622)	22.73	21.74	20.72	18.62
		1745 (132322)	22.54	21.59	20.58	18.82
		1715 (132022)	22.25	21.31	20.30	18.80
	25RB-Middle (12)	1775 (132622)	22.61	21.66	20.71	19.00
		1745 (132322)	22.54	21.57	20.62	18.71
		1715 (132022)	22.19	21.19	20.20	18.74
	25RB-Low (0)	1775 (132622)	22.63	21.65	20.65	18.99
		1745 (132322)	22.54	21.60	20.56	19.09
		1715 (132022)	22.12	21.16	20.18	18.73
	50RB (0)	1775 (132622)	22.66	21.68	20.67	18.99
		1745 (132322)	22.53	21.59	20.58	18.88
		1715 (132022)	22.22	21.25	20.24	18.69

15MHz	1RB-High (74)	1772.5 (132597)	23.78	22.96	21.97	18.80
		1745 (132322)	23.51	22.69	21.63	18.73
		1717.5 (132047)	23.50	22.62	21.57	18.72
	1RB-Middle (37)	1772.5 (132597)	23.62	22.93	21.81	19.01
		1745 (132322)	23.61	22.94	21.82	18.90
		1717.5 (132047)	23.18	22.52	21.40	18.76
	1RB-Low (0)	1772.5 (132597)	23.74	22.95	21.92	18.84
		1745 (132322)	23.51	22.85	21.63	19.02
		1717.5 (132047)	23.18	22.54	21.31	18.76
	36RB-High (38)	1772.5 (132597)	22.65	21.67	20.69	18.59
		1745 (132322)	22.46	21.48	20.50	18.60
		1717.5 (132047)	22.28	21.37	20.30	18.66
	36RB-Middle (19)	1772.5 (132597)	22.57	21.59	20.62	18.60
		1745 (132322)	22.49	21.52	20.57	18.84
		1717.5 (132047)	22.14	21.25	20.17	18.70
	36RB-Low (0)	1772.5 (132597)	22.61	21.67	20.67	18.72
		1745 (132322)	22.47	21.47	20.49	18.93
		1717.5 (132047)	22.07	21.11	20.15	18.96
	75RB (0)	1772.5 (132597)	22.65	21.69	20.67	18.97
		1745 (132322)	22.48	21.55	20.53	18.78
		1717.5 (132047)	22.19	21.27	20.26	18.77
20MHz	1RB-High (99)	1770 (132572)	23.80	22.93	21.84	18.92
		1745 (132322)	23.67	22.97	21.84	18.92
		1720 (132072)	23.38	22.75	21.55	18.67
	1RB-Middle (50)	1770 (132572)	23.49	22.27	21.16	18.33
		1745 (132322)	23.52	22.75	21.69	18.79
		1720 (132072)	23.06	22.43	21.38	18.52
	1RB-Low (0)	1770 (132572)	23.43	22.81	21.68	18.78
		1745 (132322)	23.49	22.84	21.78	18.87
		1720 (132072)	23.48	22.73	21.66	18.76
	50RB-High (50)	1770 (132572)	22.51	21.52	20.52	18.57
		1745 (132322)	22.68	21.72	20.72	18.75
		1720 (132072)	22.34	21.32	20.35	18.41
	50RB-Middle (25)	1770 (132572)	22.21	21.23	20.24	18.31
		1745 (132322)	22.58	21.57	20.60	18.64
		1720 (132072)	22.34	21.34	20.36	18.42
	50RB-Low (0)	1770 (132572)	22.27	21.26	20.28	18.35
		1745 (132322)	22.56	21.53	20.55	18.59
		1720 (132072)	22.46	21.44	20.46	18.51
	100RB (0)	1770 (132572)	22.41	21.34	20.40	18.46
		1745 (132322)	22.59	21.55	20.60	18.64
		1720 (132072)	22.40	21.40	20.38	18.44

LTE Band66(ANT6 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	18.66	18.55	18.57	18.72
		1745 (132322)	18.26	18.41	18.47	18.49
		1710.7 (131979)	18.70	18.57	18.75	18.74
	1RB-Middle (3)	1779.3 (132665)	18.38	18.54	18.64	18.53
		1745 (132322)	18.23	18.34	18.49	18.50
		1710.7 (131979)	18.71	18.62	18.70	18.65
	1RB-Low (0)	1779.3 (132665)	18.33	18.46	18.61	18.70
		1745 (132322)	18.38	18.36	18.32	18.53
		1710.7 (131979)	18.70	18.81	18.72	18.53
	3RB-High (3)	1779.3 (132665)	18.42	18.54	18.49	18.57
		1745 (132322)	18.35	18.34	18.42	18.44
		1710.7 (131979)	18.71	18.60	18.64	18.51
	3RB-Middle (1)	1779.3 (132665)	18.51	18.44	18.43	18.51
		1745 (132322)	18.32	18.23	18.30	18.73
		1710.7 (131979)	18.63	18.79	18.56	18.67
	3RB-Low (0)	1779.3 (132665)	18.53	18.46	18.54	18.64
		1745 (132322)	18.31	18.52	18.46	18.65
		1710.7 (131979)	18.55	18.79	18.68	18.70
	6RB (0)	1779.3 (132665)	18.54	18.50	18.48	18.50
		1745 (132322)	18.39	18.38	18.37	18.64
		1710.7 (131979)	18.60	18.70	18.61	18.45
3MHz	1RB-High (14)	1778.5 (132657)	18.61	18.52	18.61	18.74
		1745 (132322)	18.54	18.46	18.42	18.75
		1711.5 (131987)	18.83	18.74	18.69	18.45
	1RB-Middle (7)	1778.5 (132657)	18.54	18.69	18.57	18.70
		1745 (132322)	18.51	18.58	18.25	18.65
		1711.5 (131987)	18.36	18.54	18.54	18.64
	1RB-Low (0)	1778.5 (132657)	18.78	18.72	18.73	18.69
		1745 (132322)	18.32	18.48	18.83	18.43
		1711.5 (131987)	18.72	18.74	18.74	18.80
	8RB-High (7)	1778.5 (132657)	18.58	18.58	18.41	18.56
		1745 (132322)	18.33	18.50	18.40	18.68
		1711.5 (131987)	18.58	18.75	18.61	18.50
	8RB-Middle (4)	1778.5 (132657)	18.54	18.57	18.57	18.50
		1745 (132322)	18.38	18.42	18.42	18.55
		1711.5 (131987)	18.64	18.74	18.61	18.75
	8RB-Low (0)	1778.5 (132657)	18.53	18.64	18.49	18.65
		1745 (132322)	18.48	18.63	18.40	18.50
		1711.5 (131987)	18.70	18.74	18.69	18.41
	15RB (0)	1778.5 (132657)	18.47	18.58	18.58	18.64
		1745 (132322)	18.39	18.47	18.44	18.63
		1711.5 (131987)	18.72	18.72	18.63	18.68

5MHz	1RB-High (24)	1777.5 (132647)	18.44	18.44	18.76	18.61
		1745 (132322)	18.40	18.42	18.61	18.53
		1712.5 (131997)	18.76	18.62	18.84	18.75
	1RB-Middle (12)	1777.5 (132647)	18.44	18.42	18.60	18.69
		1745 (132322)	18.56	18.31	18.48	18.57
		1712.5 (131997)	18.77	18.81	18.68	18.72
	1RB-Low (0)	1777.5 (132647)	18.56	18.65	18.55	18.44
		1745 (132322)	18.56	18.82	18.63	18.79
		1712.5 (131997)	18.87	18.77	18.83	18.55
	12RB-High (13)	1777.5 (132647)	18.53	18.59	18.61	18.64
		1745 (132322)	18.51	18.51	18.55	18.71
		1712.5 (131997)	18.65	18.68	18.73	18.68
	12RB-Middle (6)	1777.5 (132647)	18.51	18.55	18.57	18.66
		1745 (132322)	18.41	18.47	18.49	18.73
		1712.5 (131997)	18.66	18.68	18.68	18.40
	12RB-Low (0)	1777.5 (132647)	18.57	18.60	18.66	18.47
		1745 (132322)	18.47	18.57	18.59	18.68
		1712.5 (131997)	18.74	18.79	18.77	18.73
	25RB (0)	1777.5 (132647)	18.55	18.62	18.58	18.76
		1745 (132322)	18.54	18.56	18.52	18.53
		1712.5 (131997)	18.73	18.79	18.66	18.79
10MHz	1RB-High (49)	1775 (132622)	18.70	18.83	18.71	18.48
		1745 (132322)	18.68	18.82	18.82	18.67
		1715 (132022)	18.65	18.68	18.84	18.72
	1RB-Middle (24)	1775 (132622)	18.55	18.49	18.69	18.44
		1745 (132322)	18.59	18.47	18.54	18.79
		1715 (132022)	18.45	18.57	18.68	18.67
	1RB-Low (0)	1775 (132622)	18.54	18.38	18.42	18.56
		1745 (132322)	18.64	18.71	18.80	18.56
		1715 (132022)	18.75	18.77	18.82	18.60
	25RB-High (25)	1775 (132622)	18.57	18.61	18.51	18.40
		1745 (132322)	18.60	18.60	18.61	18.65
		1715 (132022)	18.56	18.62	18.55	18.59
	25RB-Middle (12)	1775 (132622)	18.50	18.54	18.48	18.59
		1745 (132322)	18.54	18.52	18.50	18.61
		1715 (132022)	18.65	18.67	18.59	18.50
	25RB-Low (0)	1775 (132622)	18.46	18.51	18.47	18.78
		1745 (132322)	18.63	18.67	18.59	18.72
		1715 (132022)	18.67	18.73	18.71	18.58
	50RB (0)	1775 (132622)	18.48	18.52	18.49	18.45
		1745 (132322)	18.58	18.58	18.59	18.59
		1715 (132022)	18.61	18.65	18.60	18.56

15MHz	1RB-High (74)	1772.5 (132597)	18.58	18.78	18.75	18.75
		1745 (132322)	18.75	18.82	18.71	18.56
		1717.5 (132047)	18.60	18.68	18.66	18.65
	1RB-Middle (37)	1772.5 (132597)	18.45	18.53	18.42	18.49
		1745 (132322)	18.37	18.51	18.55	18.74
		1717.5 (132047)	18.66	18.47	18.63	18.50
	1RB-Low (0)	1772.5 (132597)	18.37	18.66	18.53	18.73
		1745 (132322)	18.85	18.81	18.77	18.61
		1717.5 (132047)	18.75	18.65	18.89	18.79
	36RB-High (38)	1772.5 (132597)	18.54	18.56	18.51	18.51
		1745 (132322)	18.57	18.59	18.57	18.44
		1717.5 (132047)	18.47	18.51	18.48	18.71
	36RB-Middle (19)	1772.5 (132597)	18.35	18.36	18.41	18.67
		1745 (132322)	18.50	18.52	18.48	18.47
		1717.5 (132047)	18.49	18.52	18.51	18.46
	36RB-Low (0)	1772.5 (132597)	18.30	18.30	18.30	18.53
		1745 (132322)	18.62	18.61	18.63	18.45
		1717.5 (132047)	18.65	18.64	18.67	18.68
	75RB (0)	1772.5 (132597)	18.43	18.45	18.39	18.44
		1745 (132322)	18.61	18.69	18.63	18.49
		1717.5 (132047)	18.61	18.65	18.59	18.69
20MHz	1RB-High (99)	1770 (132572)	18.62	18.66	18.77	18.60
		1745 (132322)	18.79	19.03	18.84	18.78
		1720 (132072)	18.67	18.87	18.78	18.42
	1RB-Middle (50)	1770 (132572)	18.16	18.30	18.21	18.70
		1745 (132322)	18.67	18.69	18.71	18.41
		1720 (132072)	18.23	18.33	18.38	18.50
	1RB-Low (0)	1770 (132572)	18.51	18.81	18.55	18.41
		1745 (132322)	18.84	18.93	18.83	18.65
		1720 (132072)	18.88	18.62	18.78	18.44
	50RB-High (50)	1770 (132572)	18.59	18.52	18.53	18.72
		1745 (132322)	18.72	18.74	18.74	18.52
		1720 (132072)	18.68	18.49	18.52	18.58
	50RB-Middle (25)	1770 (132572)	18.26	18.29	18.29	18.77
		1745 (132322)	18.66	18.68	18.68	18.66
		1720 (132072)	18.43	18.47	18.48	18.40
	50RB-Low (0)	1770 (132572)	18.28	18.30	18.32	18.78
		1745 (132322)	18.65	18.68	18.67	18.53
		1720 (132072)	18.60	18.59	18.64	18.73
	100RB (0)	1770 (132572)	18.42	18.36	18.41	18.80
		1745 (132322)	18.68	18.65	18.67	18.47
		1720 (132072)	18.50	18.51	18.52	18.44

LTE Band66(ANT6 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	15.31	15.06	15.11	15.19
		1745 (132322)	15.10	15.23	15.15	15.09
		1710.7 (131979)	15.11	15.12	15.51	15.44
	1RB-Middle (3)	1779.3 (132665)	14.83	14.92	15.05	15.19
		1745 (132322)	14.87	14.94	15.08	15.07
		1710.7 (131979)	15.03	15.22	15.31	15.22
	1RB-Low (0)	1779.3 (132665)	14.95	14.99	15.29	15.50
		1745 (132322)	14.86	15.15	15.12	15.27
		1710.7 (131979)	15.28	15.41	15.35	15.10
	3RB-High (3)	1779.3 (132665)	14.89	14.98	15.10	15.21
		1745 (132322)	14.97	14.97	15.15	15.32
		1710.7 (131979)	15.09	15.06	15.29	15.15
	3RB-Middle (1)	1779.3 (132665)	15.02	14.96	15.03	15.18
		1745 (132322)	14.94	14.95	15.03	15.38
		1710.7 (131979)	15.15	15.20	15.17	15.37
	3RB-Low (0)	1779.3 (132665)	15.02	14.95	15.13	15.23
		1745 (132322)	15.03	14.91	14.99	15.35
		1710.7 (131979)	15.15	15.36	15.21	15.23
	6RB (0)	1779.3 (132665)	15.01	15.03	15.04	15.50
		1745 (132322)	15.02	14.98	15.02	15.08
		1710.7 (131979)	15.13	15.13	15.11	15.39
3MHz	1RB-High (14)	1778.5 (132657)	14.94	15.20	15.08	15.13
		1745 (132322)	14.93	15.09	15.12	15.30
		1711.5 (131987)	14.89	15.14	15.17	15.49
	1RB-Middle (7)	1778.5 (132657)	14.86	14.94	14.93	15.14
		1745 (132322)	15.02	14.84	15.03	15.46
		1711.5 (131987)	15.19	14.92	15.12	15.15
	1RB-Low (0)	1778.5 (132657)	15.02	14.88	15.47	15.21
		1745 (132322)	15.14	14.87	15.21	15.41
		1711.5 (131987)	15.27	15.01	15.10	15.33
	8RB-High (7)	1778.5 (132657)	15.01	14.86	15.00	15.22
		1745 (132322)	15.02	14.81	15.08	15.22
		1711.5 (131987)	15.15	14.96	15.12	15.31
	8RB-Middle (4)	1778.5 (132657)	15.03	14.93	15.03	15.34
		1745 (132322)	15.02	14.84	15.12	15.36
		1711.5 (131987)	15.14	14.99	15.11	15.21
	8RB-Low (0)	1778.5 (132657)	15.04	14.84	15.09	15.35
		1745 (132322)	15.09	14.89	15.06	15.50
		1711.5 (131987)	15.12	15.01	15.18	15.12
	15RB (0)	1778.5 (132657)	15.03	14.84	15.09	15.06
		1745 (132322)	15.01	15.01	15.12	15.44
		1711.5 (131987)	15.09	14.96	15.18	15.37

5MHz	1RB-High (24)	1777.5 (132647)	14.94	15.07	15.12	15.33
		1745 (132322)	15.16	15.11	15.23	15.44
		1712.5 (131997)	15.26	14.97	15.21	15.33
	1RB-Middle (12)	1777.5 (132647)	15.04	14.99	15.11	15.42
		1745 (132322)	15.08	14.92	15.13	15.46
		1712.5 (131997)	15.27	15.38	15.22	15.48
	1RB-Low (0)	1777.5 (132647)	15.12	14.84	15.25	15.11
		1745 (132322)	15.34	15.28	15.11	15.16
		1712.5 (131997)	15.05	15.36	15.27	15.45
	12RB-High (13)	1777.5 (132647)	15.04	15.09	15.11	15.19
		1745 (132322)	15.11	15.07	15.14	15.13
		1712.5 (131997)	15.15	15.11	15.17	15.16
	12RB-Middle (6)	1777.5 (132647)	15.03	14.97	15.13	15.09
		1745 (132322)	15.03	15.03	15.13	15.44
		1712.5 (131997)	15.18	15.07	15.23	15.37
	12RB-Low (0)	1777.5 (132647)	15.02	15.03	15.12	15.06
		1745 (132322)	15.14	15.12	15.21	15.34
		1712.5 (131997)	15.17	15.18	15.24	15.36
	25RB (0)	1777.5 (132647)	15.03	15.04	15.05	15.39
		1745 (132322)	15.14	15.11	15.12	15.20
		1712.5 (131997)	15.17	15.19	15.20	15.07
10MHz	1RB-High (49)	1775 (132622)	15.09	15.13	15.18	15.20
		1745 (132322)	15.24	15.25	15.21	15.35
		1715 (132022)	15.05	14.93	15.09	15.23
	1RB-Middle (24)	1775 (132622)	15.01	14.86	15.03	15.16
		1745 (132322)	15.04	14.96	15.11	15.13
		1715 (132022)	15.17	15.00	15.15	15.45
	1RB-Low (0)	1775 (132622)	14.95	15.06	15.05	15.37
		1745 (132322)	15.39	15.35	15.27	15.47
		1715 (132022)	15.18	15.45	15.33	15.42
	25RB-High (25)	1775 (132622)	15.05	15.04	15.04	15.19
		1745 (132322)	15.12	15.18	15.19	15.18
		1715 (132022)	15.04	15.04	15.03	15.22
	25RB-Middle (12)	1775 (132622)	14.97	15.03	14.98	15.18
		1745 (132322)	15.09	15.13	15.12	15.47
		1715 (132022)	15.09	15.07	15.12	15.17
	25RB-Low (0)	1775 (132622)	14.90	14.89	14.90	15.22
		1745 (132322)	15.18	15.17	15.21	15.45
		1715 (132022)	15.14	15.20	15.18	15.44
	50RB (0)	1775 (132622)	14.95	14.94	14.98	15.35
		1745 (132322)	15.17	15.19	15.18	15.13
		1715 (132022)	15.10	15.13	15.12	15.20

15MHz	1RB-High (74)	1772.5 (132597)	15.09	15.31	15.22	15.20
		1745 (132322)	15.06	15.39	15.30	15.38
		1717.5 (132047)	15.11	15.25	15.25	15.49
	1RB-Middle (37)	1772.5 (132597)	15.08	14.94	14.81	15.23
		1745 (132322)	15.08	15.03	15.04	15.29
		1717.5 (132047)	15.01	14.91	14.96	15.12
	1RB-Low (0)	1772.5 (132597)	14.96	15.04	15.16	15.46
		1745 (132322)	15.37	15.31	15.39	15.31
		1717.5 (132047)	15.40	15.13	15.28	15.46
	36RB-High (38)	1772.5 (132597)	14.97	14.97	15.00	15.13
		1745 (132322)	15.12	15.11	15.20	15.27
		1717.5 (132047)	14.95	14.93	14.98	15.12
	36RB-Middle (19)	1772.5 (132597)	14.82	14.85	14.86	15.39
		1745 (132322)	15.04	15.06	15.10	15.05
		1717.5 (132047)	14.94	14.95	15.01	15.37
	36RB-Low (0)	1772.5 (132597)	15.03	15.02	15.04	15.45
		1745 (132322)	15.20	15.19	15.20	15.08
		1717.5 (132047)	15.08	15.07	15.14	15.48
	75RB (0)	1772.5 (132597)	14.86	14.85	14.91	15.28
		1745 (132322)	15.13	15.14	15.15	15.19
		1717.5 (132047)	15.03	15.04	15.06	15.46
20MHz	1RB-High (99)	1770 (132572)	15.05	14.95	15.06	15.24
		1745 (132322)	15.14	15.21	15.15	15.39
		1720 (132072)	15.14	15.33	15.20	15.08
	1RB-Middle (50)	1770 (132572)	15.06	15.04	15.04	15.23
		1745 (132322)	15.06	15.16	15.10	15.09
		1720 (132072)	15.02	15.07	14.97	15.20
	1RB-Low (0)	1770 (132572)	15.01	15.08	14.96	15.23
		1745 (132322)	15.22	15.20	15.22	15.17
		1720 (132072)	15.11	15.18	15.29	15.43
	50RB-High (50)	1770 (132572)	14.88	14.88	14.96	15.20
		1745 (132322)	15.06	15.05	15.09	15.42
		1720 (132072)	15.01	15.08	15.07	15.11
	50RB-Middle (25)	1770 (132572)	15.09	14.80	14.82	15.13
		1745 (132322)	15.09	15.10	15.15	15.05
		1720 (132072)	14.96	14.98	15.00	15.11
	50RB-Low (0)	1770 (132572)	14.81	14.84	14.84	15.41
		1745 (132322)	15.18	15.17	15.18	15.40
		1720 (132072)	15.08	15.03	15.06	15.05
	100RB (0)	1770 (132572)	14.84	14.88	14.88	15.42
		1745 (132322)	15.13	15.11	15.19	15.22
		1720 (132072)	15.03	15.05	15.05	15.35

LTE Band66(ANT7 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	19.42	19.51	19.52	18.86
		1745 (132322)	19.48	19.39	19.51	18.85
		1710.7 (131979)	19.57	19.54	19.46	18.80
	1RB-Middle (3)	1779.3 (132665)	19.47	19.52	19.50	18.84
		1745 (132322)	19.51	19.26	19.44	18.78
		1710.7 (131979)	19.48	19.45	19.50	18.84
	1RB-Low (0)	1779.3 (132665)	19.48	19.53	19.52	18.86
		1745 (132322)	19.47	19.34	19.46	18.80
		1710.7 (131979)	19.49	19.52	19.53	18.87
	3RB-High (3)	1779.3 (132665)	19.45	19.63	19.70	19.03
		1745 (132322)	19.45	19.35	19.61	18.94
		1710.7 (131979)	19.45	19.62	19.73	19.06
	3RB-Middle (1)	1779.3 (132665)	19.48	19.67	19.71	19.04
		1745 (132322)	19.54	19.38	19.70	19.03
		1710.7 (131979)	19.50	19.55	19.70	19.03
	3RB-Low (0)	1779.3 (132665)	19.53	19.60	19.68	19.01
		1745 (132322)	19.49	19.43	19.68	19.01
		1710.7 (131979)	19.50	19.59	19.70	19.03
	6RB (0)	1779.3 (132665)	19.56	19.62	19.60	18.93
		1745 (132322)	19.56	19.41	19.57	18.91
		1710.7 (131979)	19.58	19.67	19.63	18.96
3MHz	1RB-High (14)	1778.5 (132657)	19.45	19.69	19.66	18.99
		1745 (132322)	19.32	19.56	19.56	18.90
		1711.5 (131987)	19.55	19.78	19.75	19.08
	1RB-Middle (7)	1778.5 (132657)	19.45	19.71	19.61	18.94
		1745 (132322)	19.40	19.53	19.34	18.68
		1711.5 (131987)	19.59	19.75	19.62	18.95
	1RB-Low (0)	1778.5 (132657)	19.50	19.74	19.66	18.99
		1745 (132322)	19.37	19.58	19.67	19.00
		1711.5 (131987)	19.61	19.91	19.78	19.11
	8RB-High (7)	1778.5 (132657)	19.55	19.50	19.49	18.83
		1745 (132322)	19.32	19.36	19.30	18.64
		1711.5 (131987)	19.52	19.61	19.60	18.93
	8RB-Middle (4)	1778.5 (132657)	19.48	19.54	19.60	18.93
		1745 (132322)	19.28	19.38	19.35	18.69
		1711.5 (131987)	19.57	19.56	19.51	18.85
	8RB-Low (0)	1778.5 (132657)	19.47	19.54	19.48	18.82
		1745 (132322)	19.34	19.36	19.27	18.62
		1711.5 (131987)	19.60	19.65	19.57	18.91
	15RB (0)	1778.5 (132657)	19.47	19.58	19.49	18.83
		1745 (132322)	19.33	19.38	19.32	18.66
		1711.5 (131987)	19.54	19.54	19.61	18.94

5MHz	1RB-High (24)	1777.5 (132647)	19.56	19.82	19.73	19.06
		1745 (132322)	19.43	19.67	19.68	19.01
		1712.5 (131997)	19.60	19.84	19.79	19.12
	1RB-Middle (12)	1777.5 (132647)	19.41	19.63	19.66	18.99
		1745 (132322)	19.35	19.60	19.48	18.82
		1712.5 (131997)	19.60	19.85	19.68	19.01
	1RB-Low (0)	1777.5 (132647)	19.45	19.77	19.57	18.91
		1745 (132322)	19.51	19.65	19.62	18.95
		1712.5 (131997)	19.65	19.92	19.82	19.15
	12RB-High (13)	1777.5 (132647)	19.53	19.54	19.58	18.92
		1745 (132322)	19.39	19.37	19.43	18.77
		1712.5 (131997)	19.58	19.60	19.64	18.97
	12RB-Middle (6)	1777.5 (132647)	19.47	19.54	19.51	18.85
		1745 (132322)	19.33	19.36	19.39	18.73
		1712.5 (131997)	19.60	19.61	19.67	19.00
	12RB-Low (0)	1777.5 (132647)	19.52	19.52	19.56	18.90
		1745 (132322)	19.43	19.46	19.52	18.86
		1712.5 (131997)	19.65	19.68	19.74	19.07
	25RB (0)	1777.5 (132647)	19.55	19.53	19.57	18.91
		1745 (132322)	19.46	19.43	19.43	18.77
		1712.5 (131997)	19.64	19.66	19.65	18.98
10MHz	1RB-High (49)	1775 (132622)	19.63	19.74	19.76	19.09
		1745 (132322)	19.56	19.89	19.69	19.02
		1715 (132022)	19.71	19.52	19.39	18.73
	1RB-Middle (24)	1775 (132622)	19.42	19.62	19.64	18.97
		1745 (132322)	19.40	19.65	19.58	18.92
		1715 (132022)	19.58	19.88	19.68	19.01
	1RB-Low (0)	1775 (132622)	19.31	19.49	19.43	18.77
		1745 (132322)	19.65	19.93	19.83	19.16
		1715 (132022)	19.76	20.01	19.91	19.23
	25RB-High (25)	1775 (132622)	19.55	19.55	19.54	18.88
		1745 (132322)	19.45	19.48	19.52	18.86
		1715 (132022)	19.41	19.43	19.42	18.76
	25RB-Middle (12)	1775 (132622)	19.43	19.45	19.41	18.75
		1745 (132322)	19.42	19.41	19.42	18.76
		1715 (132022)	19.55	19.56	19.59	18.92
	25RB-Low (0)	1775 (132622)	19.39	19.38	19.40	18.74
		1745 (132322)	19.56	19.57	19.54	18.88
		1715 (132022)	19.70	19.66	19.67	19.00
	50RB (0)	1775 (132622)	19.44	19.45	19.44	18.78
		1745 (132322)	19.50	19.52	19.52	18.86
		1715 (132022)	19.55	19.58	19.59	18.92

15MHz	1RB-High (74)	1772.5 (132597)	19.54	19.92	19.76	19.09
		1745 (132322)	19.57	19.92	19.81	19.14
		1717.5 (132047)	19.39	19.56	19.58	18.92
	1RB-Middle (37)	1772.5 (132597)	19.23	19.56	19.59	18.92
		1745 (132322)	19.27	19.58	19.49	18.83
		1717.5 (132047)	19.38	19.59	19.58	18.92
	1RB-Low (0)	1772.5 (132597)	19.32	19.67	19.62	18.95
		1745 (132322)	19.66	19.90	19.91	19.23
		1717.5 (132047)	19.72	20.06	19.94	19.26
	36RB-High (38)	1772.5 (132597)	19.39	19.48	19.49	18.83
		1745 (132322)	19.38	19.52	19.50	18.84
		1717.5 (132047)	19.27	19.30	19.31	18.65
	36RB-Middle (19)	1772.5 (132597)	19.23	19.32	19.33	18.67
		1745 (132322)	19.32	19.43	19.44	18.78
		1717.5 (132047)	19.32	19.36	19.40	18.74
	36RB-Low (0)	1772.5 (132597)	19.16	19.28	19.18	18.53
		1745 (132322)	19.44	19.56	19.60	18.93
		1717.5 (132047)	19.58	19.63	19.67	19.00
	75RB (0)	1772.5 (132597)	19.31	19.41	19.38	18.72
		1745 (132322)	19.42	19.54	19.55	18.89
		1717.5 (132047)	19.43	19.45	19.44	18.78
20MHz	1RB-High (99)	1770 (132572)	19.61	19.85	19.70	19.03
		1745 (132322)	19.63	19.91	19.81	19.14
		1720 (132072)	19.58	19.78	19.66	18.99
	1RB-Middle (50)	1770 (132572)	19.11	19.40	19.27	18.62
		1745 (132322)	19.29	19.61	19.44	18.78
		1720 (132072)	19.08	19.43	19.28	18.63
	1RB-Low (0)	1770 (132572)	19.38	19.70	19.58	18.92
		1745 (132322)	19.75	19.92	19.87	19.20
		1720 (132072)	19.72	19.88	19.89	19.21
	50RB-High (50)	1770 (132572)	19.46	19.44	19.44	18.78
		1745 (132322)	19.52	19.51	19.57	18.91
		1720 (132072)	19.37	19.36	19.39	18.73
	50RB-Middle (25)	1770 (132572)	19.27	19.28	19.28	18.63
		1745 (132322)	19.46	19.43	19.47	18.81
		1720 (132072)	19.32	19.28	19.32	18.66
	50RB-Low (0)	1770 (132572)	19.31	19.30	19.34	18.68
		1745 (132322)	19.59	19.60	19.58	18.92
		1720 (132072)	19.49	19.49	19.52	18.86
	100RB (0)	1770 (132572)	19.35	19.38	19.32	18.66
		1745 (132322)	19.58	19.56	19.59	18.92
		1720 (132072)	19.46	19.43	19.45	18.79

LTE Band66(ANT7 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	16.94	17.05	17.02	17.47
		1745 (132322)	16.85	17.03	17.08	17.53
		1710.7 (131979)	17.00	17.00	16.94	17.39
	1RB-Middle (3)	1779.3 (132665)	16.89	17.04	16.94	17.39
		1745 (132322)	16.84	17.05	16.95	17.40
		1710.7 (131979)	16.99	17.04	16.93	17.38
	1RB-Low (0)	1779.3 (132665)	16.95	17.02	16.98	17.43
		1745 (132322)	16.87	17.04	17.03	17.48
		1710.7 (131979)	16.97	17.00	16.95	17.40
	3RB-High (3)	1779.3 (132665)	16.91	17.07	17.14	17.59
		1745 (132322)	16.79	17.11	16.97	17.42
		1710.7 (131979)	16.99	17.11	17.10	17.55
	3RB-Middle (1)	1779.3 (132665)	16.92	17.17	17.19	17.64
		1745 (132322)	16.78	17.06	16.94	17.39
		1710.7 (131979)	17.04	17.09	17.17	17.62
	3RB-Low (0)	1779.3 (132665)	16.97	17.09	17.16	17.61
		1745 (132322)	16.79	17.03	16.95	17.40
		1710.7 (131979)	17.03	17.03	17.22	17.67
	6RB (0)	1779.3 (132665)	16.97	17.18	17.03	17.48
		1745 (132322)	16.78	17.20	16.86	17.30
		1710.7 (131979)	17.03	17.15	17.12	17.57
3MHz	1RB-High (14)	1778.5 (132657)	17.16	17.40	17.13	17.58
		1745 (132322)	16.87	17.11	16.99	17.44
		1711.5 (131987)	17.03	17.21	17.16	17.61
	1RB-Middle (7)	1778.5 (132657)	17.07	17.28	17.15	17.60
		1745 (132322)	16.77	17.05	17.04	17.49
		1711.5 (131987)	17.00	17.22	17.19	17.64
	1RB-Low (0)	1778.5 (132657)	17.01	17.07	17.14	17.59
		1745 (132322)	16.92	17.16	16.94	17.39
		1711.5 (131987)	17.15	17.43	17.29	17.75
	8RB-High (7)	1778.5 (132657)	17.05	17.06	17.04	17.49
		1745 (132322)	16.85	16.92	16.91	17.36
		1711.5 (131987)	16.95	17.05	17.00	17.45
	8RB-Middle (4)	1778.5 (132657)	17.03	17.06	17.01	17.46
		1745 (132322)	16.85	16.86	16.83	17.27
		1711.5 (131987)	17.01	17.06	17.02	17.47
	8RB-Low (0)	1778.5 (132657)	17.06	17.11	17.07	17.52
		1745 (132322)	16.92	16.95	16.81	17.25
		1711.5 (131987)	17.07	17.13	17.05	17.50
	15RB (0)	1778.5 (132657)	17.07	17.12	17.06	17.51
		1745 (132322)	16.90	16.92	16.88	17.32
		1711.5 (131987)	17.07	17.02	17.07	17.52

5MHz	1RB-High (24)	1777.5 (132647)	17.20	17.34	17.24	17.69
		1745 (132322)	17.02	17.16	17.13	17.58
		1712.5 (131997)	16.98	17.20	17.23	17.68
	1RB-Middle (12)	1777.5 (132647)	16.96	17.17	17.15	17.60
		1745 (132322)	16.80	17.10	17.06	17.51
		1712.5 (131997)	17.01	17.30	17.24	17.69
	1RB-Low (0)	1777.5 (132647)	16.93	17.19	17.15	17.60
		1745 (132322)	16.97	17.29	17.20	17.65
		1712.5 (131997)	17.17	17.44	17.37	17.83
	12RB-High (13)	1777.5 (132647)	17.05	17.09	17.16	17.61
		1745 (132322)	16.91	16.95	16.99	17.44
		1712.5 (131997)	17.03	16.98	17.08	17.53
	12RB-Middle (6)	1777.5 (132647)	17.04	16.94	17.08	17.53
		1745 (132322)	16.83	16.88	16.96	17.41
		1712.5 (131997)	17.01	17.07	17.09	17.54
	12RB-Low (0)	1777.5 (132647)	16.99	17.03	17.11	17.56
		1745 (132322)	16.94	16.96	17.00	17.45
		1712.5 (131997)	17.04	17.14	17.21	17.66
	25RB (0)	1777.5 (132647)	17.07	17.03	17.05	17.50
		1745 (132322)	16.96	16.98	16.91	17.36
		1712.5 (131997)	17.10	17.07	17.08	17.53
10MHz	1RB-High (49)	1775 (132622)	17.17	17.41	17.30	17.76
		1745 (132322)	17.08	17.23	17.28	17.74
		1715 (132022)	16.65	17.03	16.86	17.30
	1RB-Middle (24)	1775 (132622)	16.85	17.09	17.05	17.50
		1745 (132322)	16.87	17.05	17.01	17.46
		1715 (132022)	16.90	17.14	17.04	17.49
	1RB-Low (0)	1775 (132622)	16.58	16.92	16.75	17.19
		1745 (132322)	17.24	17.43	17.38	17.84
		1715 (132022)	17.19	17.52	17.35	17.81
	25RB-High (25)	1775 (132622)	17.05	17.14	17.04	17.49
		1745 (132322)	17.00	17.01	17.02	17.47
		1715 (132022)	16.81	16.79	16.85	17.29
	25RB-Middle (12)	1775 (132622)	16.89	16.92	16.90	17.34
		1745 (132322)	16.95	16.97	16.96	17.41
		1715 (132022)	16.98	16.97	17.01	17.46
	25RB-Low (0)	1775 (132622)	16.75	16.79	16.75	17.19
		1745 (132322)	17.06	17.06	17.07	17.52
		1715 (132022)	17.09	17.08	17.09	17.54
	50RB (0)	1775 (132622)	16.89	16.89	16.90	17.34
		1745 (132322)	17.01	17.03	17.04	17.49
		1715 (132022)	16.93	16.99	16.98	17.43

15MHz	1RB-High (74)	1772.5 (132597)	17.03	17.26	17.22	17.67
		1745 (132322)	17.09	17.35	17.22	17.67
		1717.5 (132047)	16.86	17.12	17.02	17.47
	1RB-Middle (37)	1772.5 (132597)	16.58	16.85	16.84	17.28
		1745 (132322)	16.80	17.10	16.98	17.43
		1717.5 (132047)	16.72	16.97	16.94	17.39
	1RB-Low (0)	1772.5 (132597)	16.63	16.84	16.75	17.19
		1745 (132322)	17.23	17.36	17.40	17.86
		1717.5 (132047)	17.05	17.31	17.27	17.72
	36RB-High (38)	1772.5 (132597)	16.89	16.90	16.96	17.41
		1745 (132322)	16.98	16.97	17.01	17.46
		1717.5 (132047)	16.66	16.70	16.74	17.18
	36RB-Middle (19)	1772.5 (132597)	16.59	16.70	16.74	17.18
		1745 (132322)	16.90	16.85	16.95	17.40
		1717.5 (132047)	16.69	16.75	16.76	17.20
	36RB-Low (0)	1772.5 (132597)	16.50	16.57	16.55	16.99
		1745 (132322)	17.05	17.00	17.06	17.51
		1717.5 (132047)	16.91	16.96	17.02	17.47
	75RB (0)	1772.5 (132597)	16.69	16.77	16.76	17.20
		1745 (132322)	17.04	17.00	17.07	17.52
		1717.5 (132047)	16.80	16.81	16.82	17.26
20MHz	1RB-High (99)	1770 (132572)	17.09	17.29	17.33	17.79
		1745 (132322)	17.22	17.41	17.39	17.85
		1720 (132072)	17.22	17.48	17.40	17.86
	1RB-Middle (50)	1770 (132572)	16.56	16.81	16.67	17.11
		1745 (132322)	16.96	17.14	17.09	17.54
		1720 (132072)	16.71	17.00	16.83	17.27
	1RB-Low (0)	1770 (132572)	16.98	17.13	17.06	17.51
		1745 (132322)	17.36	17.55	17.50	17.96
		1720 (132072)	17.28	17.49	17.42	17.88
	50RB-High (50)	1770 (132572)	17.00	16.93	16.95	17.40
		1745 (132322)	17.22	17.17	17.18	17.63
		1720 (132072)	17.01	16.99	17.00	17.45
	50RB-Middle (25)	1770 (132572)	16.70	16.73	16.75	17.19
		1745 (132322)	17.12	17.10	17.14	17.59
		1720 (132072)	16.86	16.88	16.86	17.30
	50RB-Low (0)	1770 (132572)	16.83	16.77	16.83	17.27
		1745 (132322)	17.26	17.26	17.29	17.75
		1720 (132072)	17.05	17.02	17.08	17.53
	100RB (0)	1770 (132572)	16.92	16.87	16.89	17.33
		1745 (132322)	17.21	17.19	17.20	17.65
		1720 (132072)	17.03	17.01	17.01	17.46

LTE Band66(ANT4 ECI1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	14.92	14.91	14.77	15.32
		1745 (132322)	15.04	14.62	14.66	15.02
		1710.7 (131979)	14.92	14.51	14.61	14.91
	1RB-Middle (3)	1779.3 (132665)	14.90	14.87	14.69	15.27
		1745 (132322)	15.01	14.80	14.68	15.20
		1710.7 (131979)	14.89	14.85	14.99	15.25
	1RB-Low (0)	1779.3 (132665)	14.90	14.86	14.58	15.26
		1745 (132322)	15.04	14.92	14.65	15.33
		1710.7 (131979)	14.92	14.69	14.24	15.09
	3RB-High (3)	1779.3 (132665)	14.89	14.90	14.35	15.31
		1745 (132322)	15.22	14.94	14.84	15.35
		1710.7 (131979)	14.95	14.81	14.56	15.21
	3RB-Middle (1)	1779.3 (132665)	14.87	14.89	14.92	15.30
		1745 (132322)	15.20	14.80	14.84	15.20
		1710.7 (131979)	14.88	14.19	14.27	14.58
	3RB-Low (0)	1779.3 (132665)	14.84	14.84	14.17	15.24
		1745 (132322)	15.19	14.61	14.81	15.01
		1710.7 (131979)	14.88	14.78	14.05	15.18
	6RB (0)	1779.3 (132665)	14.85	14.92	14.81	15.33
		1745 (132322)	15.21	14.81	14.71	15.21
		1710.7 (131979)	14.89	14.96	14.86	15.37
3MHz	1RB-High (14)	1778.5 (132657)	14.95	15.19	15.17	15.60
		1745 (132322)	14.64	15.09	14.99	15.50
		1711.5 (131987)	14.79	14.95	14.94	15.36
	1RB-Middle (7)	1778.5 (132657)	14.95	15.04	14.96	15.45
		1745 (132322)	14.78	14.94	14.73	15.35
		1711.5 (131987)	14.80	14.97	15.01	15.38
	1RB-Low (0)	1778.5 (132657)	14.83	15.09	14.95	15.50
		1745 (132322)	14.78	15.02	15.01	15.43
		1711.5 (131987)	14.93	15.10	15.06	15.51
	8RB-High (7)	1778.5 (132657)	14.88	14.90	14.87	15.31
		1745 (132322)	14.68	14.79	14.68	15.19
		1711.5 (131987)	14.80	14.80	14.77	15.20
	8RB-Middle (4)	1778.5 (132657)	14.86	14.93	14.87	15.34
		1745 (132322)	14.73	14.76	14.77	15.16
		1711.5 (131987)	14.79	14.85	14.78	15.25
	8RB-Low (0)	1778.5 (132657)	14.92	14.92	14.80	15.33
		1745 (132322)	14.88	14.85	14.78	15.25
		1711.5 (131987)	14.90	14.90	14.86	15.31
	15RB (0)	1778.5 (132657)	14.91	14.92	14.89	15.33
		1745 (132322)	14.71	14.75	14.74	15.15
		1711.5 (131987)	14.81	14.86	14.84	15.26

5MHz	1RB-High (24)	1777.5 (132647)	14.93	15.25	15.15	15.67
		1745 (132322)	14.89	15.07	14.98	15.48
		1712.5 (131997)	14.93	14.97	14.89	15.38
	1RB-Middle (12)	1777.5 (132647)	14.83	15.02	15.00	15.43
		1745 (132322)	14.74	15.04	14.90	15.45
		1712.5 (131997)	14.84	15.03	14.95	15.44
	1RB-Low (0)	1777.5 (132647)	14.88	15.05	14.91	15.46
		1745 (132322)	14.93	15.10	15.06	15.51
		1712.5 (131997)	15.02	15.15	15.09	15.56
	12RB-High (13)	1777.5 (132647)	14.93	14.96	14.95	15.37
		1745 (132322)	14.80	14.83	14.85	15.23
		1712.5 (131997)	14.79	14.80	14.84	15.20
	12RB-Middle (6)	1777.5 (132647)	14.88	14.91	14.89	15.32
		1745 (132322)	14.73	14.76	14.81	15.16
		1712.5 (131997)	14.83	14.86	14.87	15.26
	12RB-Low (0)	1777.5 (132647)	14.90	14.90	14.93	15.31
		1745 (132322)	14.87	14.87	14.92	15.27
		1712.5 (131997)	14.91	14.90	14.95	15.31
	25RB (0)	1777.5 (132647)	14.89	14.91	14.91	15.32
		1745 (132322)	14.85	14.83	14.86	15.23
		1712.5 (131997)	14.86	14.85	14.78	15.25
10MHz	1RB-High (49)	1775 (132622)	15.03	15.17	15.10	15.58
		1745 (132322)	15.00	15.22	15.10	15.63
		1715 (132022)	14.53	14.68	14.69	15.08
	1RB-Middle (24)	1775 (132622)	14.81	15.07	14.95	15.48
		1745 (132322)	14.80	15.03	14.96	15.44
		1715 (132022)	14.77	15.03	14.92	15.44
	1RB-Low (0)	1775 (132622)	14.50	14.76	14.75	15.16
		1745 (132322)	15.13	15.43	15.33	15.85
		1715 (132022)	14.99	15.34	15.18	15.76
	25RB-High (25)	1775 (132622)	14.91	14.88	14.87	15.29
		1745 (132322)	14.89	14.92	14.91	15.33
		1715 (132022)	14.65	14.63	14.62	15.03
	25RB-Middle (12)	1775 (132622)	14.81	14.83	14.81	15.23
		1745 (132322)	14.88	14.87	14.89	15.27
		1715 (132022)	14.81	14.79	14.80	15.19
	25RB-Low (0)	1775 (132622)	14.68	14.67	14.67	15.07
		1745 (132322)	15.00	14.99	14.98	15.40
		1715 (132022)	14.94	14.92	14.92	15.33
	50RB (0)	1775 (132622)	14.79	14.82	14.77	15.22
		1745 (132322)	14.92	14.95	14.93	15.36
		1715 (132022)	14.80	14.82	14.80	15.22

15MHz	1RB-High (74)	1772.5 (132597)	14.97	15.18	15.18	15.59
		1745 (132322)	15.04	15.26	15.23	15.68
		1717.5 (132047)	14.69	14.97	14.87	15.38
	1RB-Middle (37)	1772.5 (132597)	14.52	14.69	14.76	15.09
		1745 (132322)	14.78	15.02	14.94	15.43
		1717.5 (132047)	14.52	14.83	14.68	15.23
	1RB-Low (0)	1772.5 (132597)	14.53	14.79	14.79	15.19
		1745 (132322)	15.09	15.36	15.30	15.78
		1717.5 (132047)	14.93	15.25	15.18	15.67
	36RB-High (38)	1772.5 (132597)	14.75	14.78	14.82	15.18
		1745 (132322)	14.89	14.90	14.94	15.31
		1717.5 (132047)	14.50	14.51	14.55	14.91
	36RB-Middle (19)	1772.5 (132597)	14.52	14.56	14.62	14.96
		1745 (132322)	14.81	14.86	14.89	15.26
		1717.5 (132047)	14.56	14.58	14.65	14.98
	36RB-Low (0)	1772.5 (132597)	14.41	14.48	14.54	14.87
		1745 (132322)	14.96	14.99	15.04	15.40
		1717.5 (132047)	14.78	14.82	14.84	15.22
	75RB (0)	1772.5 (132597)	14.60	14.64	14.67	15.04
		1745 (132322)	14.96	14.97	14.99	15.38
		1717.5 (132047)	14.65	14.70	14.70	15.10
20MHz	1RB-High (99)	1770 (132572)	15.08	15.28	15.25	15.70
		1745 (132322)	15.14	15.41	15.22	15.83
		1720 (132072)	15.09	15.41	15.24	15.83
	1RB-Middle (50)	1770 (132572)	14.45	14.64	14.54	15.04
		1745 (132322)	14.87	15.17	15.06	15.58
		1720 (132072)	14.51	14.73	14.64	15.13
	1RB-Low (0)	1770 (132572)	14.96	15.24	15.08	15.65
		1745 (132322)	15.28	15.49	15.49	15.91
		1720 (132072)	15.11	15.33	15.26	15.75
	50RB-High (50)	1770 (132572)	14.80	14.81	14.81	15.21
		1745 (132322)	15.08	15.11	15.07	15.52
		1720 (132072)	14.84	14.86	14.84	15.26
	50RB-Middle (25)	1770 (132572)	14.62	14.63	14.67	15.03
		1745 (132322)	15.03	15.03	15.05	15.44
		1720 (132072)	14.71	14.72	14.72	15.12
	50RB-Low (0)	1770 (132572)	14.68	14.72	14.72	15.12
		1745 (132322)	15.17	15.18	15.22	15.59
		1720 (132072)	14.95	14.91	14.91	15.32
	100RB (0)	1770 (132572)	14.80	14.77	14.79	15.17
		1745 (132322)	15.13	15.08	15.12	15.49
		1720 (132072)	14.92	14.87	14.85	15.27

LTE Band66(ANT4 ECI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	16.96	17.16	17.20	17.33
		1745 (132322)	16.73	16.85	17.02	17.15
		1710.7 (131979)	16.97	17.05	17.05	17.18
	1RB-Middle (3)	1779.3 (132665)	16.96	17.15	17.05	17.18
		1745 (132322)	16.73	16.83	17.01	17.14
		1710.7 (131979)	17.05	17.04	17.01	17.14
	1RB-Low (0)	1779.3 (132665)	16.94	17.18	17.20	17.33
		1745 (132322)	16.75	16.84	17.05	17.18
		1710.7 (131979)	16.98	17.02	17.01	17.14
	3RB-High (3)	1779.3 (132665)	16.93	16.84	17.08	17.21
		1745 (132322)	16.69	16.87	17.14	17.27
		1710.7 (131979)	16.96	17.02	17.13	17.26
	3RB-Middle (1)	1779.3 (132665)	16.98	16.89	17.08	17.21
		1745 (132322)	16.82	16.90	17.13	17.26
		1710.7 (131979)	17.03	17.15	17.22	17.35
	3RB-Low (0)	1779.3 (132665)	16.90	16.96	17.09	17.22
		1745 (132322)	16.79	16.89	17.17	17.30
		1710.7 (131979)	17.01	17.09	17.15	17.28
	6RB (0)	1779.3 (132665)	16.93	17.01	16.92	17.05
		1745 (132322)	16.79	16.94	17.05	17.18
		1710.7 (131979)	17.07	17.14	17.11	17.24
3MHz	1RB-High (14)	1778.5 (132657)	16.80	16.32	17.19	17.32
		1745 (132322)	16.72	17.08	16.70	16.83
		1711.5 (131987)	16.88	17.18	16.66	16.79
	1RB-Middle (7)	1778.5 (132657)	16.77	16.34	17.00	17.13
		1745 (132322)	16.44	16.98	16.23	16.35
		1711.5 (131987)	16.40	17.12	16.50	16.63
	1RB-Low (0)	1778.5 (132657)	16.74	16.60	17.07	17.20
		1745 (132322)	16.47	17.00	16.42	16.55
		1711.5 (131987)	16.52	17.21	16.96	17.09
	8RB-High (7)	1778.5 (132657)	16.77	16.06	16.90	17.03
		1745 (132322)	16.72	16.83	16.22	16.34
		1711.5 (131987)	16.99	16.94	16.49	16.62
	8RB-Middle (4)	1778.5 (132657)	16.79	16.30	16.92	17.05
		1745 (132322)	16.92	16.77	16.45	16.58
		1711.5 (131987)	16.23	16.95	16.18	16.30
	8RB-Low (0)	1778.5 (132657)	16.76	16.51	16.93	17.06
		1745 (132322)	16.44	16.83	16.45	16.58
		1711.5 (131987)	16.99	16.96	16.45	16.58
	15RB (0)	1778.5 (132657)	16.75	16.52	16.86	16.99
		1745 (132322)	16.97	16.83	16.53	16.66
		1711.5 (131987)	16.18	16.89	16.49	16.62

5MHz	1RB-High (24)	1777.5 (132647)	16.77	17.27	17.14	17.27
		1745 (132322)	16.98	17.14	16.87	17.00
		1712.5 (131997)	16.87	17.10	17.04	17.17
	1RB-Middle (12)	1777.5 (132647)	16.75	17.03	17.12	17.25
		1745 (132322)	16.79	17.01	16.91	17.04
		1712.5 (131997)	16.87	17.07	17.14	17.27
	1RB-Low (0)	1777.5 (132647)	16.68	17.16	16.84	16.97
		1745 (132322)	16.97	16.93	16.89	17.02
		1712.5 (131997)	16.84	17.13	17.22	17.35
	12RB-High (13)	1777.5 (132647)	16.71	16.91	16.75	16.88
		1745 (132322)	16.86	16.39	16.72	16.85
		1712.5 (131997)	16.88	16.73	16.96	17.09
	12RB-Middle (6)	1777.5 (132647)	16.27	16.77	16.88	17.01
		1745 (132322)	16.76	16.26	16.57	16.70
		1712.5 (131997)	16.79	16.62	16.96	17.09
	12RB-Low (0)	1777.5 (132647)	16.10	16.81	16.82	16.95
		1745 (132322)	16.89	16.47	16.35	16.48
		1712.5 (131997)	16.59	16.05	17.00	17.13
	25RB (0)	1777.5 (132647)	16.27	16.57	16.80	16.93
		1745 (132322)	16.89	16.28	16.50	16.63
		1712.5 (131997)	16.38	16.17	16.92	17.05
10MHz	1RB-High (49)	1775 (132622)	16.54	17.31	17.29	17.42
		1745 (132322)	16.95	17.41	17.17	17.30
		1715 (132022)	16.81	17.04	16.48	16.61
	1RB-Middle (24)	1775 (132622)	16.52	17.20	17.21	17.34
		1745 (132322)	16.76	17.17	16.83	16.96
		1715 (132022)	17.08	17.33	16.47	16.60
	1RB-Low (0)	1775 (132622)	16.97	17.08	16.95	17.08
		1745 (132322)	16.94	17.50	16.87	17.00
		1715 (132022)	17.19	17.50	16.78	16.91
	25RB-High (25)	1775 (132622)	16.38	17.11	16.97	17.10
		1745 (132322)	16.79	17.04	16.40	16.53
		1715 (132022)	16.95	16.85	16.38	16.51
	25RB-Middle (12)	1775 (132622)	16.26	16.99	16.87	17.00
		1745 (132322)	16.70	16.99	16.44	16.57
		1715 (132022)	17.08	17.00	16.91	17.04
	25RB-Low (0)	1775 (132622)	16.13	17.01	16.83	16.96
		1745 (132322)	16.75	17.10	16.07	16.19
		1715 (132022)	17.21	17.12	16.61	16.74
	50RB (0)	1775 (132622)	16.17	17.01	16.85	16.98
		1745 (132322)	16.62	17.06	16.39	16.52
		1715 (132022)	17.07	17.01	16.71	16.84

15MHz	1RB-High (74)	1772.5 (132597)	16.29	17.46	17.38	17.51
		1745 (132322)	17.25	17.09	17.34	17.47
		1717.5 (132047)	16.84	17.17	16.76	16.89
	1RB-Middle (37)	1772.5 (132597)	16.28	17.03	17.02	17.15
		1745 (132322)	16.83	16.49	17.01	17.14
		1717.5 (132047)	16.83	17.03	16.54	16.67
	1RB-Low (0)	1772.5 (132597)	16.43	17.25	17.12	17.25
		1745 (132322)	17.15	16.86	17.43	17.56
		1717.5 (132047)	17.14	17.46	16.78	16.91
	36RB-High (38)	1772.5 (132597)	16.38	16.92	17.03	17.16
		1745 (132322)	16.95	16.33	16.93	17.06
		1717.5 (132047)	16.68	16.75	16.34	16.47
	36RB-Middle (19)	1772.5 (132597)	16.66	16.91	16.89	17.02
		1745 (132322)	16.91	16.14	16.79	16.92
		1717.5 (132047)	16.81	16.83	16.00	16.12
	36RB-Low (0)	1772.5 (132597)	16.88	16.01	16.83	16.96
		1745 (132322)	16.99	16.71	16.99	17.12
		1717.5 (132047)	17.04	17.08	16.64	16.77
	75RB (0)	1772.5 (132597)	16.20	16.26	16.91	17.04
		1745 (132322)	16.97	16.19	17.05	17.18
		1717.5 (132047)	16.90	16.92	16.42	16.55
20MHz	1RB-High (99)	1770 (132572)	17.03	17.12	17.16	17.29
		1745 (132322)	17.06	17.36	17.23	17.36
		1720 (132072)	16.95	17.14	17.05	17.18
	1RB-Middle (50)	1770 (132572)	16.61	16.87	16.76	16.89
		1745 (132322)	16.83	17.08	16.96	17.09
		1720 (132072)	16.49	16.79	16.67	16.80
	1RB-Low (0)	1770 (132572)	16.93	17.05	17.10	17.23
		1745 (132322)	17.22	17.31	17.23	17.36
		1720 (132072)	17.20	17.28	17.24	17.37
	50RB-High (50)	1770 (132572)	16.79	16.83	16.82	16.95
		1745 (132322)	16.93	16.96	16.96	17.09
		1720 (132072)	16.77	16.77	16.72	16.85
	50RB-Middle (25)	1770 (132572)	16.76	16.73	16.72	16.85
		1745 (132322)	16.93	16.93	16.93	17.06
		1720 (132072)	16.67	16.64	16.68	16.81
	50RB-Low (0)	1770 (132572)	16.77	16.80	16.77	16.90
		1745 (132322)	17.02	17.03	17.02	17.15
		1720 (132072)	16.93	16.93	16.93	17.06
	100RB (0)	1770 (132572)	16.78	16.78	16.77	16.90
		1745 (132322)	17.00	16.97	16.97	17.10
		1720 (132072)	16.85	16.80	16.82	16.95

LTE Carrier Aggregation Conducted Power (Uplink)

7C ANT5 ECI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	20.4	19.24
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	20.4	19.37
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	20.4	19.35
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	20.4	19.45
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	20.4	19.42
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	20.4	19.35
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	20.4	19.51
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	20.4	19.44
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	20.4	19.30

7C ANT5 ECI2

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	25	23.86
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	25	24.02
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	25	23.99
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	25	24.11
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	25	24.08
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	25	23.99
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	25	24.19
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	25	24.10
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	25	23.93

7C ANT6 ECI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	19.1	17.19
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	19.1	17.31
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	19.1	17.29
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	19.1	17.38
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	19.1	17.35
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	19.1	17.29
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	19.1	17.43
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	19.1	17.36
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	19.1	17.24

7C ANT6 ECI2

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	17.7	15.73
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	17.7	15.84
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	17.7	15.82
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	17.7	15.90
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	17.7	15.88
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	17.7	15.82
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	17.7	15.95
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	17.7	15.89
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	17.7	15.78

7C ANT7 ECI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	19.2	17.79
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	19.2	17.91
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	19.2	17.89
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	19.2	17.98
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	19.2	17.96
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	19.2	17.89
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	19.2	18.04
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	19.2	17.98
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	19.2	17.85

7C ANT7 ECI2

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	15.2	14.27
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	15.2	14.37
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	15.2	14.35
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	15.2	14.42
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	15.2	14.41
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	15.2	14.35
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	15.2	14.47
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	15.2	14.42
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	15.2	14.32

7C ANT4 ECI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	17.1	15.66
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	17.1	15.77
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	17.1	15.75
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	17.1	15.83
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	17.1	15.81
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	17.1	15.75
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	17.1	15.88
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	17.1	15.83
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	17.1	15.72

7C ANT4 ECI2

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	15.8	14.35
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	15.8	14.45
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	15.8	14.43
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	15.8	14.50
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	15.8	14.49
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	15.8	14.43
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	15.8	14.55
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	15.8	14.50
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	15.8	14.40

38C ANT5 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA_38C	20M	38150	1	0	20M	37952	1	99	21.1	19.88
CA_38C	20M	37850	1	0	20M	38048	1	99	21.1	19.83
CA_38C	15M	38175	1	0	15M	38025	1	74	21.1	19.87
CA_38C	15M	37825	1	0	15M	37975	1	74	21.1	19.85

38C ANT5 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA_38C	20M	38150	1	0	20M	37952	1	99	25	23.75
CA_38C	20M	37850	1	0	20M	38048	1	99	25	23.69
CA_38C	15M	38175	1	0	15M	38025	1	74	25	23.74
CA_38C	15M	37825	1	0	15M	37975	1	74	25	23.72

38C ANT6 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA_38C	20M	38150	1	99	20M	37952	1	0	20.3	18.73
CA_38C	20M	37850	1	99	20M	38048	1	0	20.3	18.68
CA_38C	15M	38175	1	74	15M	38025	1	0	20.3	18.72
CA_38C	15M	37825	1	74	15M	37975	1	0	20.3	18.71

38C ANT6 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA_38C	20M	38150	1	99	20M	37952	1	0	17.7	15.92
CA_38C	20M	37850	1	99	20M	38048	1	0	17.7	15.88
CA_38C	15M	38175	1	74	15M	38025	1	0	17.7	15.91
CA_38C	15M	37825	1	74	15M	37975	1	0	17.7	15.90

38C ANT7 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA_38C	20M	38150	1	99	20M	37952	1	0	19.3	18.24
CA_38C	20M	37850	1	99	20M	38048	1	0	19.3	18.20
CA_38C	15M	38175	1	74	15M	38025	1	0	19.3	18.23
CA_38C	15M	37825	1	74	15M	37975	1	0	19.3	18.22

38C ANT7 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	38150	1	99	20M	37952	1	0	17.3	16.29
CA 38C	20M	37850	1	99	20M	38048	1	0	17.3	16.25
CA 38C	15M	38175	1	74	15M	38025	1	0	17.3	16.28
CA 38C	15M	37825	1	74	15M	37975	1	0	17.3	16.27

38C ANT4 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	38150	1	99	20M	37952	1	0	20	18.14
CA 38C	20M	37850	1	99	20M	38048	1	0	20	18.10
CA 38C	15M	38175	1	74	15M	38025	1	0	20	18.13
CA 38C	15M	37825	1	74	15M	37975	1	0	20	18.12

38C ANT4 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	38150	1	99	20M	37952	1	0	17.5	16.77
CA 38C	20M	37850	1	99	20M	38048	1	0	17.5	16.73
CA 38C	15M	38175	1	74	15M	38025	1	0	17.5	16.76
CA 38C	15M	37825	1	74	15M	37975	1	0	17.5	16.75

41C ANT5 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	0	20M	41292	1	99	19.8	18.32
CA 41C	20M	41490	1	0	15M	41319	1	74	19.8	18.27
CA 41C	20M	41490	1	0	10M	41346	1	49	19.8	18.31
CA 41C	20M	41490	1	0	5M	41373	1	24	19.8	18.33
CA 41C	20M	39750	1	0	5M	39867	1	24	19.8	18.14
CA 41C	20M	39750	1	0	20M	39948	1	99	19.8	18.11
CA 41C	20M	39750	1	0	15M	39921	1	74	19.8	18.10
CA 41C	20M	39750	1	0	10M	39894	1	49	19.8	18.14
CA 41C	15M	41515	1	0	15M	41365	1	74	19.8	18.30
CA 41C	15M	41515	1	0	10M	41395	1	49	19.8	18.32
CA 41C	15M	39725	1	0	10M	39845	1	49	19.8	18.07

41C ANT5 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	0	20M	41292	1	99	23.8	22.83
CA 41C	20M	41490	1	0	15M	41319	1	74	23.8	22.77
CA 41C	20M	41490	1	0	10M	41346	1	49	23.8	22.81
CA 41C	20M	41490	1	0	5M	41373	1	24	23.8	22.84
CA 41C	20M	39750	1	0	5M	39867	1	24	23.8	22.60
CA 41C	20M	39750	1	0	20M	39948	1	99	23.8	22.56
CA 41C	20M	39750	1	0	15M	39921	1	74	23.8	22.55
CA 41C	20M	39750	1	0	10M	39894	1	49	23.8	22.60
CA 41C	15M	41515	1	0	15M	41365	1	74	23.8	22.80
CA 41C	15M	41515	1	0	10M	41395	1	49	23.8	22.83
CA 41C	15M	39725	1	0	10M	39845	1	49	23.8	22.51

41C ANT6 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	99	20M	41292	1	0	20.2	18.45
CA 41C	20M	41490	1	99	15M	41319	1	0	20.2	18.41
CA 41C	20M	41490	1	99	10M	41346	1	0	20.2	18.44
CA 41C	20M	41490	1	99	5M	41373	1	0	20.2	18.46
CA 41C	20M	39750	1	99	5M	39867	1	0	20.2	18.27
CA 41C	20M	39750	1	99	20M	39948	1	0	20.2	18.23
CA 41C	20M	39750	1	99	15M	39921	1	0	20.2	18.22
CA 41C	20M	39750	1	99	10M	39894	1	0	20.2	18.27
CA 41C	15M	41515	1	74	15M	41365	1	0	20.2	18.43
CA 41C	15M	41515	1	74	10M	41395	1	0	20.2	18.45
CA 41C	15M	39725	1	74	10M	39845	1	0	20.2	18.19

41C ANT6 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	99	20M	41292	1	0	19	17.20
CA 41C	20M	41490	1	99	15M	41319	1	0	19	17.16
CA 41C	20M	41490	1	99	10M	41346	1	0	19	17.19
CA 41C	20M	41490	1	99	5M	41373	1	0	19	17.21
CA 41C	20M	39750	1	99	5M	39867	1	0	19	17.03
CA 41C	20M	39750	1	99	20M	39948	1	0	19	17.00
CA 41C	20M	39750	1	99	15M	39921	1	0	19	16.99
CA 41C	20M	39750	1	99	10M	39894	1	0	19	17.03
CA 41C	15M	41515	1	74	15M	41365	1	0	19	17.18
CA 41C	15M	41515	1	74	10M	41395	1	0	19	17.20
CA 41C	15M	39725	1	74	10M	39845	1	0	19	16.96

41C ANT7 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	99	20M	41292	1	0	19.8	18.62
CA 41C	20M	41490	1	99	15M	41319	1	0	19.8	18.58
CA 41C	20M	41490	1	99	10M	41346	1	0	19.8	18.60
CA 41C	20M	41490	1	99	5M	41373	1	0	19.8	18.63
CA 41C	20M	39750	1	99	5M	39867	1	0	19.8	18.44
CA 41C	20M	39750	1	99	20M	39948	1	0	19.8	18.40
CA 41C	20M	39750	1	99	15M	39921	1	0	19.8	18.39
CA 41C	20M	39750	1	99	10M	39894	1	0	19.8	18.44
CA 41C	15M	41515	1	74	15M	41365	1	0	19.8	18.60
CA 41C	15M	41515	1	74	10M	41395	1	0	19.8	18.62
CA 41C	15M	39725	1	74	10M	39845	1	0	19.8	18.35

41C ANT7 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	99	20M	41292	1	0	15.8	14.76
CA 41C	20M	41490	1	99	15M	41319	1	0	15.8	14.73
CA 41C	20M	41490	1	99	10M	41346	1	0	15.8	14.75
CA 41C	20M	41490	1	99	5M	41373	1	0	15.8	14.77
CA 41C	20M	39750	1	99	5M	39867	1	0	15.8	14.62
CA 41C	20M	39750	1	99	20M	39948	1	0	15.8	14.59
CA 41C	20M	39750	1	99	15M	39921	1	0	15.8	14.58
CA 41C	20M	39750	1	99	10M	39894	1	0	15.8	14.62
CA 41C	15M	41515	1	74	15M	41365	1	0	15.8	14.75
CA 41C	15M	41515	1	74	10M	41395	1	0	15.8	14.76
CA 41C	15M	39725	1	74	10M	39845	1	0	15.8	14.55

41C ANT4 ECI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	0	20M	41292	1	99	19.3	17.90
CA 41C	20M	41490	1	0	15M	41319	1	74	19.3	17.86
CA 41C	20M	41490	1	0	10M	41346	1	49	19.3	17.89
CA 41C	20M	41490	1	0	5M	41373	1	24	19.3	17.91
CA 41C	20M	39750	1	0	5M	39867	1	24	19.3	17.73
CA 41C	20M	39750	1	0	20M	39948	1	99	19.3	17.69
CA 41C	20M	39750	1	0	15M	39921	1	74	19.3	17.68
CA 41C	20M	39750	1	0	10M	39894	1	49	19.3	17.73
CA 41C	15M	41515	1	0	15M	41365	1	74	19.3	17.89
CA 41C	15M	41515	1	0	10M	41395	1	49	19.3	17.90
CA 41C	15M	39725	1	0	10M	39845	1	49	19.3	17.64

41C ANT4 ECI2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	41490	1	0	20M	41292	1	99	18	16.62
CA 41C	20M	41490	1	0	15M	41319	1	74	18	16.58
CA 41C	20M	41490	1	0	10M	41346	1	49	18	16.61
CA 41C	20M	41490	1	0	5M	41373	1	24	18	16.63
CA 41C	20M	39750	1	0	5M	39867	1	24	18	16.46
CA 41C	20M	39750	1	0	20M	39948	1	99	18	16.43
CA 41C	20M	39750	1	0	15M	39921	1	74	18	16.42
CA 41C	20M	39750	1	0	10M	39894	1	49	18	16.46
CA 41C	15M	41515	1	0	15M	41365	1	74	18	16.61
CA 41C	15M	41515	1	0	10M	41395	1	49	18	16.62
CA 41C	15M	39725	1	0	10M	39845	1	49	18	16.38

12.4 NR 5G Measurement result

N2(ANT5 ECI1)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	20.80	19.05
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	20.80	19.40
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	20.80	18.88
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	20.80	19.20
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	20.80	19.24
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	20.80	19.06

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	20.80	19.38
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	20.80	19.35
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.80	19.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.16
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	20.80	19.38
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	20.80	19.36
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.80	19.30
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.70	17.22
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	20.80	19.16
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	20.80	19.27
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	20.80	19.14
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	20.80	19.25
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	20.80	19.16
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	20.80	19.26
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	20.80	19.29
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1905	381000	20.80	19.06
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	20.80	19.34
18	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1855	371000	20.80	18.91
19	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1902.5	380500	20.80	19.12
20	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	20.80	19.25
21	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1857.5	371500	20.80	18.96

N2(ANT5 ECI2)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.20	23.33
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.20	23.79
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.20	23.24
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	25.20	23.52
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.20	23.59
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.20	23.35

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	25.20	23.71
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.20	22.71
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.70	21.13
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.21
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.70	22.25
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.20	21.69
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.70	20.20
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.70	17.25
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.20	22.46
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.20	22.58
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.20	22.44
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.20	22.55
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	25.20	23.49
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.20	23.60
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.20	22.62
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1905	381000	25.20	23.39
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.20	23.54
18	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1855	371000	25.20	23.20
19	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1902.5	380500	25.20	23.49
20	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.20	23.55
21	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1857.5	371500	25.20	23.24

N2(ANT6 ECI1)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	18.60	16.88
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	18.60	17.23
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	18.60	16.72
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	18.60	16.95
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	18.60	17.02
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	18.60	16.81

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	18.60	17.14
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	18.60	17.11
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	18.60	17.04
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.60	17.16
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	18.60	17.15
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	18.60	17.10
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	18.60	17.04
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.60	16.68
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	18.60	16.94
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	18.60	17.04
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	18.60	16.91
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	18.60	17.02
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	18.60	16.96
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	18.60	17.06
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	18.60	17.08
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1905	381000	18.60	16.82
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	18.60	17.10
18	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1855	371000	18.60	16.67
19	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1902.5	380500	18.60	16.88
20	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	18.60	17.02
21	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1857.5	371500	18.60	16.69

N2(ANT6 ECI2)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	16.50	14.68
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	16.50	14.81
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	16.50	14.70
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	16.50	14.71
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	16.50	14.66
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	16.50	14.66

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	16.50	14.72
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	16.50	14.67
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	16.50	14.62
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	16.50	14.73
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	16.50	14.70
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	16.50	14.67
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	16.50	14.61
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	16.50	14.79
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	16.50	14.57
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	16.50	14.66
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	16.50	14.57
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	16.50	14.68
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	16.50	14.63
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	16.50	14.66
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	16.50	14.64
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1905	381000	16.50	14.64
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	16.50	14.65
18	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1855	371000	16.50	14.62
19	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1902.5	380500	16.50	14.63
20	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	16.50	14.61
21	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1857.5	371500	16.50	14.66

N5(ANT0 ECI1/2)

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	22.20	20.39
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.20	20.57
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	22.20	20.56
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	22.20	20.39
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	22.20	20.41
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	22.20	20.45
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	22.20	20.35
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.20	20.33
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.20	20.26
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	20.50	18.69
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.20	20.38
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.20	20.34
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	21.50	19.54
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	18.50	16.65
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	22.20	20.39
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	22.20	20.48
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	22.20	20.38
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	22.20	20.44
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	22.20	20.41
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	22.20	20.43
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	22.20	20.39
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	22.20	20.30
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	22.20	20.34

N5(ANT1 ECI1/2)

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.30	23.39
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	25.30	23.64
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	25.30	23.62
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	25.30	23.55
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	25.30	23.58
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	25.30	23.61
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	25.30	23.39
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.30	22.54
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.80	21.59
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	20.80	19.78
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	23.80	22.46
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	23.30	21.98
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	21.80	19.91
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	18.80	17.11
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	24.30	22.54
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.30	22.61
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	24.30	22.53
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.30	22.58
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	25.30	23.57
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	25.30	23.62
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	24.30	22.54
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	25.30	23.51
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	25.30	23.57

N7(ANT5 ECI1)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	20.80	19.59
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	20.80	19.83
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	20.80	19.60
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	20.80	19.66
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	20.80	19.76
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	20.80	19.68

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	20.80	19.78
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.80	19.76
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	20.80	19.80
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	20.70	19.81
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	20.80	19.78
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.80	19.75
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	20.80	19.79
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.70	17.82
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	20.80	19.61
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	20.80	19.62
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	20.80	19.62
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	20.80	19.64
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	20.80	19.65
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	20.80	19.66
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	20.80	19.73
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	20.80	19.81
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	20.80	19.77
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	20.80	19.77
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	20.80	19.79
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	20.80	19.80

N7(ANT5 ECI2)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	25.40	24.19
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	25.40	24.40
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	25.40	24.15
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	25.40	24.25
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	25.40	24.35
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	25.40	24.26

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	25.20	24.39
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	24.20	23.34
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	22.70	21.89
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	20.70	19.88
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	23.70	22.89
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	23.20	22.35
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	21.70	20.87
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.70	17.86
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	24.40	22.71
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	24.40	22.68
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	24.40	22.69
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	24.40	22.71
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	25.40	24.26
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	25.40	24.33
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	24.40	22.79
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	25.40	24.32
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	25.40	24.29
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	25.40	24.30
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	25.40	24.36
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	25.40	24.37

N7(ANT6 ECI1)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	18.60	17.16
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	18.60	17.36
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	18.60	17.09
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	18.60	17.18
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	18.60	17.26
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	18.60	17.07

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	18.60	17.29
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.60	17.24
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.60	17.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.60	17.29
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	18.60	17.27
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.60	17.25
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.60	17.26
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.60	17.28
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	18.60	17.22
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	18.60	17.05
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	18.60	17.21
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	18.60	17.04
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	18.60	17.24
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	18.60	17.07
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	18.60	17.17
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	18.60	17.23
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	18.60	17.19
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	18.60	17.21
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	18.60	17.26
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	18.60	17.21

N7(ANT6 ECI2)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	18.10	16.20
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	18.10	16.39
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	18.10	16.26
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	18.10	16.19
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	18.10	16.28
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	18.10	16.10

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	18.10	16.29
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.10	16.26
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.10	16.32
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.10	16.33
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	18.10	16.31
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.10	16.29
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.10	16.34
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.10	16.36
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	18.10	16.32
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	18.10	16.11
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	18.10	16.33
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	18.10	16.16
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	18.10	16.37
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	18.10	16.21
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	18.10	16.31
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	18.10	16.33
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	18.10	16.38
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	18.10	16.31
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	18.10	16.33
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	18.10	16.39

N7(ANT7 ECI1)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	17.90	16.60
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	17.90	16.66
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	17.90	16.56
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	17.90	16.62
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	17.90	16.63
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	17.90	16.61

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	17.90	16.63
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	17.90	16.61
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	17.90	16.63
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.90	16.65
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	17.90	16.64
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	17.90	16.63
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	17.90	16.65
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.90	16.56
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	17.90	16.59
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	17.90	16.62
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	17.90	16.57
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	17.90	16.61
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	17.90	16.63
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	17.90	16.63
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	17.90	16.62
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	17.90	16.65
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	17.90	16.61
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	17.90	16.62
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	17.90	16.63
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	17.90	16.61

N7(ANT7 ECI2)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	16.90	15.58
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	16.90	15.64
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	16.90	15.55
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	16.90	15.60
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	16.90	15.61
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	16.90	15.59

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	16.90	15.61
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	16.90	15.59
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	16.90	15.61
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.90	15.63
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	16.90	15.62
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	16.90	15.61
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	16.90	15.63
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.90	15.55
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	16.90	15.57
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	16.90	15.60
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	16.90	15.56
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	16.90	15.59
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	16.90	15.61
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	16.90	15.61
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	16.90	15.60
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	16.90	15.63
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	16.90	15.59
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	16.90	15.60
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	16.90	15.61
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	16.90	15.59

N7(ANT4 ECI1)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	14.60	13.51
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	14.60	13.57
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	14.60	13.56
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	14.60	13.53
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	14.60	13.49
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	14.60	13.54

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	14.60	13.38
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	14.60	13.36
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	14.60	13.37
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	14.60	13.38
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	14.60	13.36
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	14.60	13.34
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	14.60	13.35
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	14.60	13.20
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	14.60	13.41
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	14.60	13.29
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	14.60	13.37
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	14.60	13.26
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	14.60	13.36
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	14.60	13.27
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	14.60	13.34
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	14.60	13.38
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	14.60	13.34
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	14.60	13.35
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	14.60	13.34
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	14.60	13.33

N7(ANT4 ECI2)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	13.30	11.98
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	13.30	12.03
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	13.30	12.02
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	13.30	11.99
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	13.30	11.96
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	13.30	12.00

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	13.30	11.86
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	13.30	11.84
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	13.30	11.85
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	13.30	11.86
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	13.30	11.84
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	13.30	11.83
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	13.30	11.83
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	13.30	11.70
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	13.30	11.89
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	13.30	11.78
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	13.30	11.85
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	13.30	11.76
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	13.30	11.84
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	13.30	11.76
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	13.30	11.83
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	13.30	11.86
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	13.30	11.83
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	13.30	11.83
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	13.30	11.83
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	13.30	11.82

N12(ANT0 ECI1/2)

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	21.00	19.86
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	21.00	19.90
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	21.00	19.84
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	21.00	19.88
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	21.00	19.83
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	21.00	19.85

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	707.5	141500	21.00	19.89
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	21.00	19.87
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.00	19.84
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	20.50	18.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	21.00	19.83
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	21.00	19.89
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.00	19.27
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	18.50	16.57
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	21.00	19.76
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	21.00	19.90
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	21.00	19.87
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	21.00	19.79
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	21.00	19.83
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	21.00	19.78
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	21.00	19.86
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	21.00	19.85

N12(ANT1 ECI1/2)

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	25.40	23.62
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	25.40	23.69
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	25.40	23.64
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	25.40	23.62
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	25.40	23.63
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	25.40	23.60

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	707.5	141500	25.40	23.67
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	24.40	22.61
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	22.90	20.98
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	20.90	19.09
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	23.90	22.18
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	23.40	21.62
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.90	20.00
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	18.90	17.13
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	24.40	22.67
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	24.40	22.65
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	24.40	22.66
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	24.40	22.62
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	25.40	23.69
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	25.40	23.68
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	24.40	22.66
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	25.40	23.61

N25(ANT5 ECI1)

No.	Test Freq Description	5G-n25								Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	21.00	19.22
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	21.00	19.38
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	21.00	19.17
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	21.00	19.17
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	21.00	19.22
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	21.00	19.12
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n25								Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	21.00	19.21
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	21.00	19.18
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.00	19.22
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.90	19.09
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	21.00	19.20
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	21.00	19.18
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.00	19.19
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.90	17.03
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2_214	1882.5	376500	21.00	19.12
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	21.00	19.14
11	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_214	1882.5	376500	21.00	19.23
12	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	21.00	19.14
13	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216_0	1882.5	376500	21.00	19.18
14	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1_215	1882.5	376500	21.00	19.24
15	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	21.00	19.10
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	21.00	19.29
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	21.00	19.28
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	21.00	19.24
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	21.00	19.21
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	21.00	19.22

N25(ANT5 ECI2)

No.	Test Freq Description	5G-n25								Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	25.20	23.55
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	25.20	23.71
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.20	23.41
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	25.20	23.48
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	25.20	23.53
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	25.20	23.46

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25								Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	25.20	23.52
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	24.20	22.60
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.11
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.70	19.09
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.70	22.10
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.20	21.58
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.09
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.70	17.07
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2_214	1882.5	376500	24.20	22.62
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	24.20	22.44
11	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_214	1882.5	376500	25.20	23.52
12	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	25.20	23.45
13	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216_0	1882.5	376500	24.20	22.58
14	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1_215	1882.5	376500	24.20	22.59
15	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	24.20	22.43
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	25.20	23.63
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	25.20	23.64
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	25.20	23.60
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	25.20	23.59
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	25.20	23.58

N25(ANT6 ECI1)

No.	Test Freq Description	5G-n25								Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	19.30	17.75
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	19.30	17.89
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.30	17.62
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	19.30	17.74
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	19.30	17.89
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	19.30	17.73
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n25								Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	19.30	17.82
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	19.30	17.77
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	19.30	17.81
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.30	17.79
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	19.30	17.83
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	19.30	17.82
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	19.30	17.83
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.90	16.97
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2_214	1882.5	376500	19.30	17.85
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	19.30	17.76
11	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_214	1882.5	376500	19.30	17.86
12	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	19.30	17.75
13	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216_0	1882.5	376500	19.30	17.87
14	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1_215	1882.5	376500	19.30	17.85
15	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	19.30	17.79
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	19.30	17.97
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	19.30	17.91
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	19.30	17.89
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	19.30	17.86
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	19.30	17.87

N25(ANT6 ECI2)

No.	Test Freq Description	5G-n25							Tune up	Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	16.60	15.02
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	16.60	15.07
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	16.60	14.89
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	16.60	14.96
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	16.60	15.08
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	16.60	14.95

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Tune up	Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	16.60	14.91
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	16.60	14.87
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	16.60	14.90
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	16.60	14.89
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	16.60	14.89
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	16.60	14.88
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	16.60	14.91
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	16.60	14.90
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2_214	1882.5	376500	16.60	14.85
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	16.60	14.75
11	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_214	1882.5	376500	16.60	14.72
12	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	16.60	14.65
13	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216_0	1882.5	376500	16.60	14.93
14	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1_215	1882.5	376500	16.60	14.72
15	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	16.60	14.64
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	16.60	15.04
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	16.60	15.01
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	16.60	15.08
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	16.60	14.93
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	16.60	14.91

N26(ANT0 ECI1/2)

No.	Test Freq Description	5G-n26							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n26
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	22.40	20.51
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	831.5	166300	22.40	20.69
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	816.5	163300	22.40	20.57
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	22.40	20.59
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	831.5	166300	22.40	20.64
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	824	164800	22.40	20.64

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n26							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n26
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	831.5	166300	22.40	20.61
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	831.5	166300	22.40	20.66
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	831.5	166300	22.40	20.58
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	831.5	166300	20.50	19.1
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	831.5	166300	22.40	20.65
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	831.5	166300	22.40	20.66
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	831.5	166300	21.50	20.04
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	831.5	166300	18.50	17.14
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	831.5	166300	22.40	20.64
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	831.5	166300	22.40	20.63
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	831.5	166300	22.40	20.63
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	831.5	166300	22.40	20.62
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	831.5	166300	22.40	20.62
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	831.5	166300	22.40	20.63
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	831.5	166300	22.40	20.6
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	831.5	166300	22.40	20.64
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	831.5	166300	22.40	20.66

N26(ANT0 ECI4)

No.	Test Freq Description	5G-n26							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n26
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	21.50	19.51
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	831.5	166300	21.50	19.57
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	816.5	163300	21.50	19.51
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	21.50	19.53
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	831.5	166300	21.50	19.52
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	824	164800	21.50	19.50
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n26							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n26
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	831.5	166300	21.50	19.55
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	831.5	166300	21.50	19.5
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	831.5	166300	21.50	19.52
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	831.5	166300	20.50	19.04
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	831.5	166300	21.50	19.53
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	831.5	166300	21.50	19.55
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	831.5	166300	21.50	19.52
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	831.5	166300	18.50	16.94
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	831.5	166300	21.50	19.52
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	831.5	166300	21.50	19.55
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	831.5	166300	21.50	19.56
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	831.5	166300	21.50	19.54
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	831.5	166300	21.50	19.52
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	831.5	166300	21.50	19.55
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	831.5	166300	21.50	19.54
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	831.5	166300	21.50	19.56
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	831.5	166300	21.50	19.55

N26(ANT1 ECI1/2)

No.	Test Freq Description	5G-n26							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n26
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.40	23.57
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	831.5	166300	25.40	23.78
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	816.5	163300	25.40	23.64
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	25.40	23.66
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	831.5	166300	25.40	23.72
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	824	164800	25.40	23.72
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n26							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n26
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	831.5	166300	25.40	23.69
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	831.5	166300	24.40	22.62
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	831.5	166300	22.90	21.05
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	831.5	166300	20.90	19.11
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	831.5	166300	23.90	22.16
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	831.5	166300	23.40	21.61
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	831.5	166300	21.90	20.04
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	831.5	166300	18.90	17.13
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	831.5	166300	24.40	22.69
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	831.5	166300	24.40	22.68
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	831.5	166300	24.40	22.68
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	831.5	166300	24.40	22.66
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	831.5	166300	25.40	23.7
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	831.5	166300	25.40	23.71
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	831.5	166300	24.40	22.68
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	831.5	166300	25.40	23.72
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	831.5	166300	25.40	23.75

N38(ANT5 ECI1)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	21.50	20.36
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	21.50	20.52
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	21.50	20.40
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	21.50	20.24
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	21.50	20.29
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	21.50	20.25

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	21.50	20.42
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	21.50	20.40
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.50	20.32
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	20.90	19.95
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	21.50	20.46
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	21.50	20.42
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.50	20.35
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.90	17.99
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	21.50	20.34
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	21.50	20.35
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	21.50	20.33
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	21.50	20.30
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	21.50	20.34
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	21.50	20.37
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	21.50	20.40
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	21.50	20.38
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	21.50	20.39
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	21.50	20.33

N38(ANT5 ECI2)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	25.40	24.35
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	25.40	24.44
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	25.40	24.37
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	25.40	24.20
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	25.40	24.19
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	25.40	24.18

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	25.40	24.42
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	24.40	23.43
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	22.90	21.91
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	20.90	20.01
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	23.90	22.97
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	23.40	22.43
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.90	20.84
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.90	17.91
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	24.40	23.26
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	24.40	23.21
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	24.40	23.25
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	24.40	23.22
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	25.40	24.22
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	25.40	24.21
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	24.40	22.85
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	25.40	24.28
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	25.40	24.24
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	25.40	24.21

N38(ANT6 ECI1)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	18.90	17.49
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	18.90	17.57
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	18.90	17.44
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	18.90	17.35
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	18.90	17.38
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	18.90	17.39

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	18.90	17.55
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	18.90	17.49
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	18.90	17.44
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.90	17.53
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	18.90	17.50
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	18.90	17.43
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	18.90	17.46
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.90	17.39
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	18.90	17.40
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	18.90	17.38
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	18.90	17.43
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	18.90	17.42
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	18.90	17.44
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	18.90	17.41
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	18.90	17.49
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	18.90	17.43
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	18.90	17.46
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	18.90	17.37

N38(ANT6 ECI2)

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	18.30	17.58
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	18.30	17.68
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	18.30	17.54
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	18.30	17.34
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	18.30	17.36
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	18.30	17.39

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	18.30	17.65
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	18.30	17.61
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	18.30	17.55
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.30	17.66
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	18.30	17.63
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	18.30	17.56
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	18.30	17.49
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.30	17.41
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	18.30	17.40
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	18.30	17.39
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	18.30	17.42
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	18.30	17.42
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	18.30	17.45
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	18.30	17.41
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	18.30	17.51
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	18.30	17.48
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	18.30	17.47
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	18.30	17.38

N38(ANT7 ECI1)

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	19.90	18.30
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	19.90	18.45
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	19.90	18.39
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	19.90	18.31
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	19.90	18.33
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	19.90	18.33

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	19.90	18.49
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	19.90	18.45
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	19.90	18.38
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	19.90	18.50
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	19.90	18.43
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	19.90	18.39
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	19.90	18.31
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	17.90	17.25
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	19.90	18.29
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	19.90	18.23
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	19.90	18.30
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	19.90	18.25
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	19.90	18.29
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	19.90	18.27
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	19.90	18.39
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	19.90	18.33
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	19.90	18.37
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	19.90	18.32

N38(ANT7 ECI3)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	18.10	16.35
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	18.10	16.47
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	18.10	16.43
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	18.10	16.24
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	18.10	16.28
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	18.10	16.27

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	18.10	16.42
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	18.10	16.37
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	18.10	16.33
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.10	16.42
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	18.10	16.38
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	18.10	16.33
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	18.10	16.28
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	17.90	16.21
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	18.10	16.26
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	18.10	16.21
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	18.10	16.26
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	18.10	16.20
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	18.10	16.28
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	18.10	16.23
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	18.10	16.31
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	18.10	16.22
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	18.10	16.30
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	18.10	16.24

N38(ANT7 ECI2)

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	17.40	16.08
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	17.40	16.20
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	17.40	16.16
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	17.40	15.97
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	17.40	16.01
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	17.40	16.00

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	17.40	16.15
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	17.40	16.10
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	17.40	16.06
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	17.40	16.15
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	17.40	16.11
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	17.40	16.06
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	17.40	16.01
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	17.40	15.94
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	17.40	15.99
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	17.40	15.94
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	17.40	15.99
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	17.40	15.93
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	17.40	16.01
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	17.40	15.96
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	17.40	16.04
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	17.40	15.95
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	17.40	16.03
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	17.40	15.97

N38(ANT4 ECI1)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	14.80	13.46
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	14.80	13.58
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	14.80	13.52
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	14.80	13.46
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	14.80	13.53
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	14.80	13.55

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	14.80	13.62
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	14.80	13.57
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	14.80	13.54
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	14.80	13.62
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	14.80	13.58
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	14.80	13.54
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	14.80	13.49
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	14.80	13.44
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	14.80	13.48
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	14.80	13.44
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	14.80	13.48
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	14.80	13.43
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	14.80	13.49
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	14.80	13.46
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	14.80	13.53
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	14.80	13.45
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	14.80	13.52
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	14.80	13.46

N38(ANT4 ECI2)

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	13.50	12.00
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	13.50	12.11
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	13.50	12.06
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	13.50	12.00
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	13.50	12.07
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	13.50	12.08

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	13.50	12.15
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	13.50	12.10
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	13.50	12.07
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	13.50	12.15
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	13.50	12.11
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	13.50	12.07
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	13.50	12.03
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	13.50	11.99
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	13.50	12.02
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	13.50	11.99
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	13.50	12.02
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	13.50	11.98
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	13.50	12.03
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	13.50	12.00
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	13.50	12.07
16	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	13.50	11.99
17	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	13.50	12.06
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	13.50	12.00

N41(ANT5 ECI1)

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	19.90	18.92
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	19.90	18.93
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.90	19.05
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	19.90	18.81
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	19.90	18.75
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.90	19.03
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.90	19.04
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.90	18.96
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	19.90	18.98
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.90	18.96
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.90	18.90
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.90	19.02
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.90	18.93
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.90	18.89
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.90	18.81
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.90	18.95
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	19.90	18.98
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	19.90	18.97
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	19.90	18.96
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	19.90	18.97
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	19.90	18.93
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	19.90	18.95
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	19.90	18.90
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	19.90	18.81
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.90	18.88
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	19.90	18.88
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	19.90	18.89
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	19.90	18.86
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	19.90	18.76
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	19.90	18.90
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	19.90	18.89
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	19.90	18.92

N41(ANT5 ECI2)

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	26.50	24.78
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	26.50	26.05
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	26.50	26.40
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2455.02	509406	26.50	25.33
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	26.50	25.36
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	26.50	25.78
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	26.50	26.11
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	26.50	26.13
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	26.50	26.13
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	25.50	25.39
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	24.00	23.80
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	22.00	21.89
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	25.00	24.88
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	24.50	24.29
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	23.00	22.71
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20.00	19.79
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	23.00	22.80
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	23.00	22.81
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	23.00	22.79
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	23.00	22.80
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	26.50	25.76
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	26.50	26.11
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	25.50	25.29
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	26.50	26.23
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	26.50	26.28
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	26.50	26.21
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	26.50	26.25
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	26.50	26.32
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	26.50	26.28
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	26.50	26.27
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	26.50	26.22
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	26.50	26.30

N41(ANT6 ECI1)

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	19.20	18.29
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	19.20	18.26
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.20	18.31
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	19.20	18.08
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	19.20	17.85
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.20	18.28
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.20	18.21
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.20	18.15
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	19.20	18.19
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.20	18.12
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.20	18.08
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.20	18.22
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.20	18.17
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.20	18.11
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.20	18.03
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.20	18.15
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	19.20	18.10
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	19.20	18.05
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	19.20	18.08
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	19.20	18.04
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	19.20	18.09
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	19.20	18.07
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	19.20	18.09
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	19.20	18.04
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.20	18.08
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	19.20	18.09
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	19.20	18.08
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	19.20	18.16
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	19.20	18.05
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	19.20	18.06
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	19.20	18.07
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	19.20	18.12

N41(ANT6 ECI2)

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	19.60	18.56
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	19.60	18.55
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.60	18.57
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	19.60	18.37
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	19.60	18.11
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.60	18.52
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.60	18.43
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.60	18.40
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	19.60	18.46
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.60	18.38
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.60	18.37
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.60	18.51
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.60	18.42
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.60	18.37
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.60	18.26
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.60	18.33
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	19.60	18.35
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	19.60	18.29
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	19.60	18.32
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	19.60	18.28
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	19.60	18.31
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	19.60	18.27
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	19.60	18.31
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	19.60	18.25
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.60	18.25
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	19.60	18.24
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	19.60	18.23
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	19.60	18.27
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	19.60	18.21
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	19.60	18.26
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	19.60	18.29
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	19.60	18.34

N41(ANT7 ECI1)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	18.50	17.53
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	18.50	17.44
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.50	17.60
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	18.50	17.53
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	18.50	17.28
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.50	17.44
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	18.50	17.52
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	18.50	17.41
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	18.50	17.56
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.50	17.52
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.50	17.45
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.50	17.55
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.50	17.51
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.50	17.48
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.50	17.45
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.50	17.59
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	18.50	17.53
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	18.50	17.52
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	18.50	17.51
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	18.50	17.53
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	18.50	17.54
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	18.50	17.56
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	18.50	17.55
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	18.50	17.50
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.50	17.53
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	18.50	17.49
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	18.50	17.29
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18.50	17.52
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18.50	17.40
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	18.50	17.39
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	18.50	17.37
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	18.50	17.42

N41(ANT7 ECI2)

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	16.20	14.82
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	16.20	14.85
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.20	15.04
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	16.20	14.89
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	16.20	14.80
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	16.20	14.84
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	16.20	14.95
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	16.20	14.89
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	16.20	14.95
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.20	14.91
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.20	14.86
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.20	14.96
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.20	14.93
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.20	14.89
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.20	14.83
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.20	14.96
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	16.20	14.88
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	16.20	14.97
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	16.20	14.93
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	16.20	14.96
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	16.20	14.97
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	16.20	14.97
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	16.20	14.98
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	16.20	14.93
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	16.20	14.97
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	16.20	14.92
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	16.20	14.80
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	16.20	14.93
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	16.20	14.85
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	16.20	14.86
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	16.20	14.84
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	16.20	14.89

N41(ANT4 ECI1)

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	18.00	16.21
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	18.00	16.14
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.00	16.31
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	18.00	16.15
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	18.00	16.14
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.00	16.19
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	18.00	16.21
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	18.00	16.14
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	18.00	16.30
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.00	16.26
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.00	16.20
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.00	16.31
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.00	16.27
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.00	16.23
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.00	16.17
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.00	16.31
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	18.00	16.22
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	18.00	16.32
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	18.00	16.28
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	18.00	16.31
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	18.00	16.32
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	18.00	16.33
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	18.00	16.34
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	18.00	16.27
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.00	16.33
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	18.00	16.27
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	18.00	16.14
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18.00	16.28
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18.00	16.19
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	18.00	16.20
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	18.00	16.18
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	18.00	16.24

N41(ANT4 ECI2)

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	16.70	15.74
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	16.70	15.67
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.70	15.84
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	16.70	15.68
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	16.70	15.67
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	16.70	15.72
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	16.70	15.74
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	16.70	15.67

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	16.70	15.83
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.70	15.79
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.70	15.73
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.70	15.84
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.70	15.80
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.70	15.76
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.70	15.70
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.70	15.84
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	16.70	15.75
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	16.70	15.85
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	16.70	15.81
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	16.70	15.84
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	16.70	15.85
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	16.70	15.86
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	16.70	15.87
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	16.70	15.80
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	16.70	15.86
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	16.70	15.80
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	16.70	15.67
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	16.70	15.81
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	16.70	15.72
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	16.70	15.73
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	16.70	15.71
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	16.70	15.77

N66(ANT5 ECI1)

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	22.20	20.55
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	22.20	20.64
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	22.20	20.37
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	22.20	20.42
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	22.20	20.63
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	22.20	20.41

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	22.20	20.59
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.20	20.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.70	20.53
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.70	18.79
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	22.20	20.55
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.20	20.51
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.70	19.69
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.70	16.85
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	22.20	20.58
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	22.20	20.47
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	22.20	20.59
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	22.20	20.46
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	22.20	20.56
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	22.20	20.5
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	22.20	20.52
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	22.20	20.48
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	22.20	20.52
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	22.20	20.51
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	22.20	20.55
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	22.20	20.63

N66(ANT5 ECI2)

No.	Test Freq Description	5G-n66							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	24.20	23.23
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	24.20	23.29
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	24.20	23.11
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	24.20	23.12
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	24.20	23.28
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	24.20	23.12

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	24.2	23.23
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.2	22.27
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.7	20.69
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.7	18.78
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	22.7	21.81
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.2	21.28
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.7	19.69
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.7	16.83
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	23.2	22.36
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	23.2	22.27
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	23.2	22.36
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	23.2	22.22
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	24.2	23.29
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	24.2	23.19
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	23.2	22.31
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	24.2	23.23
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	24.2	23.24
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	24.2	23.23
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	24.2	23.28
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	24.2	23.22

N66(ANT6 ECI1)

No.	Test Freq Description	5G-n66							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	19.00	17.52
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	19.00	17.61
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	19.00	17.41
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	19.00	17.39
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	19.00	17.63
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	19.00	17.41

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	19.00	17.58
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.00	17.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.00	17.46
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.00	17.58
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	19.00	17.56
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.00	17.50
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.00	17.45
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.9	16.75
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	19.00	17.55
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	19.00	17.51
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	19.00	17.58
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	19.00	17.53
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	19.00	17.59
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	19.00	17.56
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	19.00	17.57
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	19.00	17.51
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	19.00	17.28
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	19.00	17.32
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	19.00	17.33
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	19.00	17.33

N66(ANT6 ECI2)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	15.50	14.31
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	15.50	14.45
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	15.50	14.35
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	15.50	14.32
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	15.50	14.32
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	15.50	14.38

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	15.50	14.26
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.50	14.25
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.50	14.21
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.50	14.36
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	15.50	14.41
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.50	14.31
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.50	14.29
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.50	14.44
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	15.50	14.34
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	15.50	14.35
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	15.50	14.38
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	15.50	14.42
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	15.50	14.43
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	15.50	14.44
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	15.50	14.4
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	15.50	14.39
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	15.50	14.4
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	15.50	14.41
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	15.50	14.44
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	15.50	14.42

N66(ANT7 ECI1)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	21.00	19.27
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	21.00	19.28
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	21.00	19.24
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	21.00	19.11
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	21.00	19.14
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	21.00	19.16

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	21.00	19.17
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.00	19.16
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.00	19.07
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.9	18.43
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	21.00	19.19
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.00	19.16
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.00	19.10
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.90	16.94
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	21.00	19.21
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	21.00	19.13
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	21.00	19.16
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	21.00	19.19
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	21.00	19.19
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	21.00	19.20
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	21.00	19.21
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1775	355000	21.00	19.09
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	21.00	19.13
18	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	343000	21.00	19.16
19	High	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	354500	21.00	19.18
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	21.00	19.15

N66(ANT7 ECI2)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	17.50	15.79
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	17.50	15.80
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	17.50	15.77
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	17.50	15.65
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	17.50	15.68
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	17.50	15.70

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	17.50	15.7
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	17.50	15.7
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	17.50	15.62
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.50	15.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	17.50	15.72
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	17.50	15.7
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	17.50	15.64
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.50	15.6
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	17.50	15.74
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	17.50	15.67
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	17.50	15.7
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	17.50	15.72
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	17.50	15.72
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	17.50	15.73
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	17.50	15.74
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	355000	17.50	15.63
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	17.50	15.67
18	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	343000	17.50	15.7
19	High	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	354500	17.50	15.71
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	17.50	15.69

N66(ANT4 ECI1)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	14.00	12.73
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	14.00	12.74
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	14.00	12.72
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	14.00	12.63
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	14.00	12.65
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	14.00	12.67

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	14.00	12.67
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	14.00	12.67
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	14.00	12.6
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	14.00	12.55
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	14.00	12.68
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	14.00	12.67
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	14.00	12.62
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	14.00	12.59
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	14.00	12.69
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	14.00	12.64
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	14.00	12.67
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	14.00	12.68
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	14.00	12.68
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	14.00	12.68
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	14.00	12.69
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	355000	14.00	12.61
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	14.00	12.64
18	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	343000	14.00	12.67
19	High	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	354500	14.00	12.68
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	14.00	12.66

N66(ANT4 ECI2)

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	15.00	13.75
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	15.00	13.76
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	15.00	13.74
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	15.00	13.64
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	15.00	13.66
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	15.00	13.68

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	15.00	13.68
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.00	13.68
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.00	13.61
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.00	13.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	15.00	13.69
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.00	13.68
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.00	13.63
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.00	13.6
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	15.00	13.71
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	15.00	13.65
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	15.00	13.68
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	15.00	13.69
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	15.00	13.69
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	15.00	13.7
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	15.00	13.71
16	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	355000	15.00	13.62
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	15.00	13.65
18	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	343000	15.00	13.68
19	High	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	354500	15.00	13.69
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	15.00	13.67

12.5 Wi-Fi and BT Measurement result

The maximum output power for BT

ANT	GFSK			Tune up	EDR2M-4_DQPSK			Tune up	EDR3M-8DPSK			Tune up
	Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	
ANT12	11.44	11.46	12.60	13.00	11.54	12.21	12.93	13.00	11.53	12.18	12.87	13.00
ANT7	11.78	11.28	11.23	13.00	12.15	11.75	11.41	13.00	12.14	11.84	11.49	13.00
ANT13	11.26	11.52	11.51	13.00	11.63	11.77	11.74	13.00	11.50	11.69	11.77	13.00

WIFI2.4G Tune up

Mode	Channel	ANT	Head/Body Standalone	Head WWAN+WLAN	chain1	Head/Body Standalone	Head WWAN+WLAN
2.4G_802.11b_20MHz	CH1	12	18.0	15.0	7	18.0	15.0
	CH2		18.0	15.0		18.0	15.0
	CH3		18.0	15.0		18.0	15.0
	CH4		18.0	15.0		18.0	15.0
	CH5		18.0	15.0		18.0	15.0
	CH6		18.0	15.0		18.0	15.0
	CH7		18.0	15.0		18.0	15.0
	CH8		18.0	15.0		18.0	15.0
	CH9		18.0	15.0		18.0	15.0
	CH10		18.0	15.0		18.0	15.0
	CH11		18.0	15.0		18.0	15.0
2.4G_802.11g_20MHz	CH1	12	15.5	15.0	7	15.5	15.0
	CH2		16.5	15.0		16.5	15.0
	CH3		16.5	15.0		16.5	15.0
	CH4		18.0	15.0		18.0	15.0
	CH5		18.0	15.0		18.0	15.0
	CH6		18.0	15.0		18.0	15.0
	CH7		18.0	15.0		18.0	15.0
	CH8		18.0	15.0		18.0	15.0
	CH9		16.5	15.0		16.5	15.0
	CH10		16.5	15.0		16.5	15.0
	CH11		15.5	15.0		15.5	15.0
2.4G_802.11n_20MHz	CH1	12	15.5	15.0	7	15.5	15.0
	CH2		16.5	15.0		16.5	15.0
	CH3		16.5	15.0		16.5	15.0
	CH4		18.0	15.0		18.0	15.0
	CH5		18.0	15.0		18.0	15.0
	CH6		18.0	15.0		18.0	15.0
	CH7		18.0	15.0		18.0	15.0
	CH8		18.0	15.0		18.0	15.0
	CH9		16.5	15.0		16.5	15.0
	CH10		16.5	15.0		16.5	15.0
	CH11		15.5	15.0		15.5	15.0
2.4G_802.11ac_20MHz	CH1	12	15.5	15.0	7	15.5	15.0
	CH2		16.5	15.0		16.5	15.0
	CH3		16.5	15.0		16.5	15.0
	CH4		18.0	15.0		18.0	15.0
	CH5		18.0	15.0		18.0	15.0
	CH6		18.0	15.0		18.0	15.0
	CH7		18.0	15.0		18.0	15.0
	CH8		18.0	15.0		18.0	15.0
	CH9		16.5	15.0		16.5	15.0
	CH10		16.5	15.0		16.5	15.0
	CH11		15.5	15.0		15.5	15.0
2.4G_802.11ax_20MHz	CH1	12	15.5	15.0	7	15.5	15.0
	CH2		16.5	15.0		16.5	15.0
	CH3		16.5	15.0		16.5	15.0
	CH4		18.0	15.0		18.0	15.0
	CH5		18.0	15.0		18.0	15.0
	CH6		18.0	15.0		18.0	15.0
	CH7		18.0	15.0		18.0	15.0
	CH8		18.0	15.0		18.0	15.0
	CH9		16.5	15.0		16.5	15.0
	CH10		16.5	15.0		16.5	15.0
	CH11		15.5	15.0		15.5	15.0
2.4G_802.11be_20MHz	CH1	12	15.5	15.0	7	15.5	15.0
	CH2		16.5	15.0		16.5	15.0
	CH3		16.5	15.0		16.5	15.0
	CH4		18.0	15.0		18.0	15.0
	CH5		18.0	15.0		18.0	15.0
	CH6		18.0	15.0		18.0	15.0
	CH7		18.0	15.0		18.0	15.0
	CH8		18.0	15.0		18.0	15.0
	CH9		16.5	15.0		16.5	15.0
	CH10		16.5	15.0		16.5	15.0
	CH11		15.5	15.0		15.5	15.0

Band	Mode	Channel	MIMO
			Tune up (dBm)
2.4G	2.4G_802.11b_20MHz	CH1	18.5
		CH2	18.5
		CH3	18.5
		CH4	18.5
		CH5	18.5
		CH6	18.5
		CH7	18.5
		CH8	18.5
		CH9	18.5
		CH10	18.5
		CH11	18.5
	2.4G_802.11g_20MHz	CH1	16.0
		CH2	17.0
		CH3	17.0
		CH4	18.5
		CH5	18.5
		CH6	18.5
		CH7	18.5
		CH8	18.5
		CH9	17.0
		CH10	17.0
		CH11	16.0
	2.4G_802.11n_20MHz	CH1	16.0
		CH2	17.0
		CH3	17.0
		CH4	18.5
		CH5	18.5
		CH6	18.5
		CH7	18.5
		CH8	18.5
		CH9	17.0
		CH10	17.0
		CH11	16.0
	2.4G_802.11ac_20MHz	CH1	16.0
		CH2	17.0
		CH3	17.0
		CH4	18.5
		CH5	18.5
		CH6	18.5
		CH7	18.5
		CH8	18.5
		CH9	17.0
		CH10	17.0
		CH11	16.0
	2.4G_802.11ax_20MHz	CH1	16.0
		CH2	17.0
		CH3	17.0
		CH4	18.5
		CH5	18.5
		CH6	18.5
		CH7	18.5
		CH8	18.5
		CH9	17.0
		CH10	17.0
		CH11	16.0
	2.4G_802.11be_20MHz	CH1	16.0
		CH2	17.0
		CH3	17.0
		CH4	18.5
		CH5	18.5
		CH6	18.5
		CH7	18.5
		CH8	18.5
		CH9	17.0
		CH10	17.0
		CH11	16.0

WIFI5G Tune up

Band	Mode	Channel	ANT	Head Standalone	Body Standalone	Head WWAN+WLAN	ANT	Head Standalone	Body Standalone	Head WWAN+WLAN	ANT	Head Standalone	Body Standalone	Head WWAN+WLAN
5G B1	B1_802.11a_20MHz	CH36	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
		CH40		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
		CH44		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH48		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
	B1_802.11n_20MHz	CH36	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
		CH40		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
		CH44		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH48		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
	B1_802.11n_40MHz	CH38	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH46		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
	B1_802.11ac_20MHz	CH36	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
		CH40		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
		CH44		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH48		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
	B1_802.11ac_40MHz	CH38	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH46		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
	B1_802.11ac_80MHz	CH42	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
	B1_802.11ax_20MHz	CH36	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
		CH40		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
		CH44		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH48		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
	B1_802.11ax_40MHz	CH38	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH46		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
	B1_802.11ax_80MHz	CH42	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
	B1_802.11be_20MHz	CH36	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
		CH40		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
		CH44		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH48		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
	B1_802.11be_40MHz	CH38	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH46		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
	B1_802.11be_80MHz	CH42	9	11.5	12.5	8.5	10	8.5	10.5	2.5	14	8.5	10.5	2.5
5G B2A	B2A_802.11a_20MHz	CH52	9	10.5	11.5	7.5	10	7.5	9.5	1.5	14	7.5	9.5	1.5
		CH56		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH60		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH64		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
	B2A_802.11n_20MHz	CH52	9	10.5	11.5	7.5	10	7.5	9.5	1.5	14	7.5	9.5	1.5
		CH56		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH60		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH64		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
	B2A_802.11n_40MHz	CH54	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH62		10.5	11.5	7.5		7.5	9.5	1.5		7.5	9.5	1.5
	B2A_802.11ac_20MHz	CH52	9	10.5	11.5	7.5	10	7.5	9.5	1.5	14	7.5	9.5	1.5
		CH56		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH60		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH64		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
	B2A_802.11ac_40MHz	CH54	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH62		10.5	11.5	7.5		7.5	9.5	1.5		7.5	9.5	1.5
	B2A_802.11ac_80MHz	CH58	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
	B2A_802.11ac_160MHz	CH50	9	9.5	10.5	6.5	10	6.5	8.5	0.5	14	6.5	8.5	0.5
	B2A_802.11ax_20MHz	CH52	9	10.5	11.5	7.5	10	7.5	9.5	1.5	14	7.5	9.5	1.5
		CH56		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH60		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH64		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
	B2A_802.11ax_40MHz	CH54	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH62		10.5	11.5	7.5		7.5	9.5	1.5		7.5	9.5	1.5
	B2A_802.11ax_80MHz	CH58	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
	B2A_802.11ax_160MHz	CH50	9	9.5	10.5	6.5	10	6.5	8.5	0.5	14	6.5	8.5	0.5
	B2A_802.11be_20MHz	CH52	9	10.5	11.5	7.5	10	7.5	9.5	1.5	14	7.5	9.5	1.5
		CH56		11.5	12.5	8.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH60		13.5	14.5	10.5		10.5	12.5	4.5		10.5	12.5	4.5
		CH64		12.5	13.5	9.5		9.5	11.5	3.5		9.5	11.5	3.5
	B2A_802.11be_40MHz	CH54	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
		CH62		10.5	11.5	7.5		7.5	9.5	1.5		7.5	9.5	1.5
	B2A_802.11be_80MHz	CH58	9	13.5	14.5	10.5	10	10.5	12.5	4.5	14	10.5	12.5	4.5
	B2A_802.11be_160MHz	CH50	9	9.5	10.5	6.5	10	6.5	8.5	0.5	14	6.5	8.5	0.5

5G B2C	B2C_802.11a_20MHz	CH100	9	10.0	11.0	7.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH104		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH108		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH112		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH116		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH120		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
		CH124		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH128		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH132		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH136		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH140		10.5	11.5	7.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B2C_802.11n_20MHz	CH100	9	10.0	11.0	7.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH104		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH108		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH112		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH116		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH120		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
		CH124		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH128		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH132		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH136		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH140		10.5	11.5	7.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B2C_802.11n_40MHz	CH102	9	9.5	10.5	6.5	10	4.5	6.5	-1.5	14	4.5	6.5	-1.5
		CH110		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH118		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH126		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH134		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
	B2C_802.11ac_20MHz	CH100	9	10.0	11.0	7.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH104		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH108		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH112		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH116		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH120		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
		CH124		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH128		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH132		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH136		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH140		10.5	11.5	7.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B2C_802.11ac_40MHz	CH102	9	9.5	10.5	6.5	10	4.5	6.5	-1.5	14	4.5	6.5	-1.5
		CH110		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH118		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH126		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH134		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
	B2C_802.11ac_80MHz	CH106	9	8.5	9.5	5.5	10	3.5	5.5	-2.5	14	3.5	5.5	-2.5
		CH122		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH138(Only Japan)		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
	B2C_802.11ac_160MHz	CH114	9	9.5	10.5	6.5	10	4.5	6.5	-1.5	14	4.5	6.5	-1.5
	B2C_802.11ax_20MHz	CH100	9	10.0	11.0	7.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH104		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH108		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH112		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH116		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH120		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
		CH124		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH128		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH132		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH136		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH140		10.5	11.5	7.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B2C_802.11ax_40MHz	CH102	9	9.5	10.5	6.5	10	4.5	6.5	-1.5	14	4.5	6.5	-1.5
		CH110		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH118		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH126		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH134		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
	B2C_802.11ax_80MHz	CH106	9	8.5	9.5	5.5	10	3.5	5.5	-2.5	14	3.5	5.5	-2.5
		CH122		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH138(Only Japan)		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
	B2C_802.11ax_160MHz	CH114	9	9.5	10.5	6.5	10	4.5	6.5	-1.5	14	4.5	6.5	-1.5
	B2C_802.11be_20MHz	CH100	9	10.0	11.0	7.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH104		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH108		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH112		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH116		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH120		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
		CH124		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH128		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH132		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH136		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH140		10.5	11.5	7.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B2C_802.11be_40MHz	CH102	9	9.5	10.5	6.5	10	4.5	6.5	-1.5	14	4.5	6.5	-1.5
		CH110		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH118		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH126		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH134		11.5	12.5	8.5		6.5	8.5	0.5		6.5	8.5	0.5
	B2C_802.11be_80MHz	CH106	9	8.5	9.5	5.5	10	3.5	5.5	-2.5	14	3.5	5.5	-2.5
		CH122		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
		CH138(Only Japan)		13.5	14.5	10.5		8.5	10.5	2.5		8.5	10.5	2.5
	B2C_802.11be_160MHz	CH155	9	9.5	10.5	6.5	10	4.5	6.5	-1.5	14	4.5	6.5	-1.5
5G B3	B3_802.11a_20MHz	CH149	9	13.5	14.5	10.5	10	5.5	7.5	-0.5	14	5.5	7.5	-0.5
		CH153		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH157		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH161		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH165		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B3_802.11n_20MHz	CH149	9	13.5	14.5	10.5	10	5.5	7.5	-0.5	14	5.5	7.5	-0.5
		CH153		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH157		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH161		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH165		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B3_802.11n_40MHz	CH151	9	13.0	14.0	10.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH159		13.0	14.0	10.0		5.0	7.0	-1.0		5.0	7.0	-1.0
	B3_802.11ac_20MHz	CH149	9	13.5	14.5	10.5	10	5.5	7.5	-0.5	14	5.5	7.5	-0.5
		CH153		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH157		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH161		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH165		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B3_802.11ac_40MHz	CH151	9	13.0	14.0	10.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH159		13.0	14.0	10.0		5.0	7.0	-1.0		5.0	7.0	-1.0
	B3_802.11ac_80MHz	CH155	9	10.5	11.5	7.5	10	2.5	4.5	-3.5	14	2.5	4.5	-3.5
	B3_802.11ax_20MHz	CH149	9	13.5	14.5	10.5	10	5.5	7.5	-0.5	14	5.5	7.5	-0.5
		CH153		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH157		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH161		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH165		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B3_802.11ax_40MHz	CH151	9	13.0	14.0	10.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH159		13.0	14.0	10.0		5.0	7.0	-1.0		5.0	7.0	-1.0
	B3_802.11ax_80MHz	CH155	9	10.5	11.5	7.5	10	2.5	4.5	-3.5	14	2.5	4.5	-3.5
	B3_802.11be_20MHz	CH149	9	13.5	14.5	10.5	10	5.5	7.5	-0.5	14	5.5	7.5	-0.5
		CH153		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH157		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH161		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
		CH165		13.5	14.5	10.5		5.5	7.5	-0.5		5.5	7.5	-0.5
	B3_802.11be_40MHz	CH151	9	13.0	14.0	10.0	10	5.0	7.0	-1.0	14	5.0	7.0	-1.0
		CH159		13.0	14.0	10.0		5.0	7.0	-1.0		5.0	7.0	-1.0
	B3_802.11be_80MHz	CH155	9	10.5	11.5	7.5	10	2.5	4.5	-3.5	14	2.5	4.5	-3.5

Band	Mode	Channel	MIMO	
			Head Standalone	Body Standalone
5G B1	B1_802.11a_20MHz	CH36	12.5	13.5
		CH40	13.5	14.5
		CH44	14.5	15.5
		CH48	12.5	13.5
	B1_802.11n_20MHz	CH36	12.5	13.5
		CH40	13.5	14.5
		CH44	14.5	15.5
		CH48	12.5	13.5
	B1_802.11n_40MHz	CH38	14.5	15.5
		CH46	14.5	15.5
	B1_802.11ac_20MHz	CH36	12.5	13.5
		CH40	13.5	14.5
		CH44	14.5	15.5
		CH48	12.5	13.5
	B1_802.11ac_40MHz	CH38	14.5	15.5
		CH46	14.5	15.5
	B1_802.11ac_80MHz	CH42	12.5	13.5
	B1_802.11ax_20MHz	CH36	12.5	13.5
		CH40	13.5	14.5
		CH44	14.5	15.5
		CH48	12.5	13.5
	B1_802.11ax_40MHz	CH38	14.5	15.5
		CH46	14.5	15.5
	B1_802.11ax_80MHz	CH42	12.5	13.5
	B1_802.11be_20MHz	CH36	12.5	13.5
		CH40	13.5	14.5
		CH44	14.5	15.5
		CH48	12.5	13.5
	B1_802.11be_40MHz	CH38	14.5	15.5
		CH46	14.5	15.5
	B1_802.11be_80MHz	CH42	12.5	13.5
5G B2A	B2A_802.11a_20MHz	CH52	11.5	12.5
		CH56	12.5	13.5
		CH60	14.5	15.5
		CH64	13.5	14.5
	B2A_802.11n_20MHz	CH52	11.5	12.5
		CH56	12.5	13.5
		CH60	14.5	15.5
		CH64	13.5	14.5
	B2A_802.11n_40MHz	CH54	14.5	15.5
		CH62	12.6	13.6
	B2A_802.11ac_20MHz	CH52	11.5	12.5
		CH56	12.5	13.5
		CH60	14.5	15.5
		CH64	13.5	14.5
	B2A_802.11ac_40MHz	CH54	14.5	15.5
		CH62	12.6	13.6
	B2A_802.11ac_80MHz	CH58	14.5	15.5
	B2A_802.11ac_160MHz	CH50	10.5	11.5
	B2A_802.11ax_20MHz	CH52	11.5	12.5
		CH56	12.5	13.5
		CH60	14.5	15.5
		CH64	13.5	14.5
	B2A_802.11ax_40MHz	CH54	14.5	15.5
		CH62	12.6	13.6
	B2A_802.11ax_80MHz	CH58	14.5	15.5
	B2A_802.11ax_160MHz	CH50	10.5	11.5
	B2A_802.11be_20MHz	CH52	11.5	12.5
		CH56	12.5	13.5
		CH60	14.5	15.5
		CH64	13.5	14.5
	B2A_802.11be_40MHz	CH54	14.5	15.5
		CH62	12.6	13.6
	B2A_802.11be_80MHz	CH58	14.5	15.5
	B2A_802.11be_160MHz	CH50	10.5	11.5

5G B2C	B2C_802.11a_20MHz	CH100	11.0	12.0
		CH104	14.5	15.5
		CH108	14.5	15.5
		CH112	14.5	15.5
		CH116	14.5	15.5
		CH120	12.5	13.5
		CH124	14.5	15.5
		CH128	14.5	15.5
		CH132	14.5	15.5
		CH136	14.5	15.5
		CH140	11.5	12.5
	B2C_802.11n_20MHz	CH100	11.0	12.0
		CH104	14.5	15.5
		CH108	14.5	15.5
		CH112	14.5	15.5
		CH116	14.5	15.5
		CH120	12.5	13.5
		CH124	14.5	15.5
		CH128	14.5	15.5
		CH132	14.5	15.5
		CH136	14.5	15.5
		CH140	11.5	12.5
	B2C_802.11n_40MHz	CH102	10.5	11.5
		CH110	14.5	15.5
		CH118	14.5	15.5
		CH126	14.5	15.5
		CH134	12.5	13.5
	B2C_802.11ac_20MHz	CH100	11.0	12.0
		CH104	14.5	15.5
		CH108	14.5	15.5
		CH112	14.5	15.5
		CH116	14.5	15.5
		CH120	12.5	13.5
		CH124	14.5	15.5
		CH128	14.5	15.5
		CH132	14.5	15.5
		CH136	14.5	15.5
		CH140	11.5	12.5
	B2C_802.11ac_40MHz	CH102	10.5	11.5
		CH110	14.5	15.5
		CH118	14.5	15.5
		CH126	14.5	15.5
		CH134	12.5	13.5
	B2C_802.11ac_80MHz	CH106	9.5	10.5
		CH122	14.5	15.5
	B2C_802.11ac_160MHz	CH114	10.5	11.5
	B2C_802.11ax_20MHz	CH100	11.0	12.0
		CH104	14.5	15.5
		CH108	14.5	15.5
		CH112	14.5	15.5
		CH116	14.5	15.5
		CH120	12.5	13.5
		CH124	14.5	15.5
		CH128	14.5	15.5
		CH132	14.5	15.5
		CH136	14.5	15.5
		CH140	11.5	12.5
	B2C_802.11ax_40MHz	CH102	10.5	11.5
		CH110	14.5	15.5
		CH118	14.5	15.5
		CH126	14.5	15.5
		CH134	12.5	13.5
	B2C_802.11ax_80MHz	CH106	9.5	10.5
		CH122	14.5	15.5
	B2C_802.11ax_160MHz	CH114	10.5	11.5
	B2C_802.11be_20MHz	CH100	11.0	12.0
		CH104	14.5	15.5
		CH108	14.5	15.5
		CH112	14.5	15.5
		CH116	14.5	15.5
		CH120	12.5	13.5
		CH124	14.5	15.5
		CH128	14.5	15.5
		CH132	14.5	15.5
		CH136	14.5	15.5
		CH140	11.5	12.5
	B2C_802.11be_40MHz	CH102	10.5	11.5
		CH110	14.5	15.5
		CH118	14.5	15.5
		CH126	14.5	15.5
		CH134	12.5	13.5
	B2C_802.11be_80MHz	CH106	9.5	10.5
		CH122	14.5	15.5
	B2C_802.11be_160MHz	CH114	10.5	11.5

5G B3	B3_802.11a_20MHz	CH149	14.5	15.5
		CH153	14.5	15.5
		CH157	14.5	15.5
		CH161	14.5	15.5
		CH165	14.5	15.5
	B3_802.11n_20MHz	CH149	14.5	15.5
		CH153	14.5	15.5
		CH157	14.5	15.5
		CH161	14.5	15.5
		CH165	14.5	15.5
	B3_802.11n_40MHz	CH151	14.0	15.0
		CH159	14.0	15.0
	B3_802.11ac_20MHz	CH149	14.5	15.5
		CH153	14.5	15.5
		CH157	14.5	15.5
		CH161	14.5	15.5
		CH165	14.5	15.5
	B3_802.11ac_40MHz	CH151	14.0	15.0
		CH159	14.0	15.0
	B3_802.11ac_80MHz	CH155	11.5	12.5
	B3_802.11ax_20MHz	CH149	14.5	15.5
		CH153	14.5	15.5
		CH157	14.5	15.5
		CH161	14.5	15.5
		CH165	14.5	15.5
	B3_802.11ax_40MHz	CH151	14.0	15.0
		CH159	14.0	15.0
	B3_802.11ax_80MHz	CH155	11.5	12.5
	B3_802.11be_20MHz	CH149	14.5	15.5
		CH153	14.5	15.5
		CH157	14.5	15.5
		CH161	14.5	15.5
		CH165	14.5	15.5
	B3_802.11be_40MHz	CH151	14.0	15.0
		CH159	14.0	15.0
	B3_802.11be_80MHz	CH155	11.5	12.5

WIFI6E Tune up

Mode	Channel	ANT	Head/Body Standalone	ANT	Head/Body Standalone	ANT	Head/Body Standalone
B5_802.11a_20MHz	CH1	9	7.0	10	7.0	14	7.0
	CH5		7.0		7.0		7.0
	CH9		7.0		7.0		7.0
	CH13		7.0		7.0		7.0
	CH17		7.0		7.0		7.0
	CH21		7.0		7.0		7.0
	CH25		7.0		7.0		7.0
	CH29		7.0		7.0		7.0
	CH33		7.0		7.0		7.0
	CH37		7.0		7.0		7.0
	CH41		7.0		7.0		7.0
	CH45		7.0		7.0		7.0
	CH49		7.0		7.0		7.0
	CH53		7.0		7.0		7.0
	CH57		7.0		7.0		7.0
	CH61		7.0		7.0		7.0
	CH65		7.0		7.0		7.0
	CH69		7.0		7.0		7.0
	CH73		7.0		7.0		7.0
	CH77		7.0		7.0		7.0
	CH81		7.0		7.0		7.0
	CH85		7.0		7.0		7.0
	CH89		7.0		7.0		7.0
	CH93		7.0		7.0		7.0
B5_802.11ax_20MHz	CH1	9	7.0	10	7.0	14	7.0
	CH5		7.0		7.0		7.0
	CH9		7.0		7.0		7.0
	CH13		7.0		7.0		7.0
	CH17		7.0		7.0		7.0
	CH21		7.0		7.0		7.0
	CH25		7.0		7.0		7.0
	CH29		7.0		7.0		7.0
	CH33		7.0		7.0		7.0
	CH37		7.0		7.0		7.0
	CH41		7.0		7.0		7.0
	CH45		7.0		7.0		7.0
	CH49		7.0		7.0		7.0
	CH53		7.0		7.0		7.0
	CH57		7.0		7.0		7.0
	CH61		7.0		7.0		7.0
	CH65		7.0		7.0		7.0
	CH69		7.0		7.0		7.0
	CH73		7.0		7.0		7.0
	CH77		7.0		7.0		7.0
	CH81		7.0		7.0		7.0
	CH85		7.0		7.0		7.0
	CH89		7.0		7.0		7.0
	CH93		7.0		7.0		7.0
B5_802.11ax_40MHz	CH3	9	7.0	10	7.0	14	7.0
	CH11		7.0		7.0		7.0
	CH19		7.0		7.0		7.0
	CH27		7.0		7.0		7.0
	CH35		7.0		7.0		7.0
	CH43		7.0		7.0		7.0
	CH51		7.0		7.0		7.0
	CH59		7.0		7.0		7.0
	CH67		7.0		7.0		7.0
	CH75		7.0		7.0		7.0
	CH83		7.0		7.0		7.0
	CH91		7.0		7.0		7.0
B5_802.11ax_80MHz	CH7	9	7.0	10	7.0	14	7.0
	CH23		7.0		7.0		7.0
	CH39		7.0		7.0		7.0
	CH55		7.0		7.0		7.0
	CH71		7.0		7.0		7.0
	CH87		7.0		7.0		7.0
B5_802.11ax_160MHz	CH15	9	7.0	10	7.0	14	7.0
	CH47		7.0		7.0		7.0
	CH79		7.0		7.0		7.0
B5_802.11be_20MHz	CH1	9	7.0	10	7.0	14	7.0
	CH5		7.0		7.0		7.0
	CH9		7.0		7.0		7.0
	CH13		7.0		7.0		7.0
	CH17		7.0		7.0		7.0
	CH21		7.0		7.0		7.0
	CH25		7.0		7.0		7.0
	CH29		7.0		7.0		7.0
	CH33		7.0		7.0		7.0
	CH37		7.0		7.0		7.0
	CH41		7.0		7.0		7.0
	CH45		7.0		7.0		7.0
	CH49		7.0		7.0		7.0
	CH53		7.0		7.0		7.0
	CH57		7.0		7.0		7.0
	CH61		7.0		7.0		7.0
	CH65		7.0		7.0		7.0
	CH69		7.0		7.0		7.0
	CH73		7.0		7.0		7.0
	CH77		7.0		7.0		7.0
	CH81		7.0		7.0		7.0
	CH85		7.0		7.0		7.0
	CH89		7.0		7.0		7.0
	CH93		7.0		7.0		7.0
B5_802.11be_40MHz	CH3	9	7.0	10	7.0	14	7.0
	CH11		7.0		7.0		7.0
	CH19		7.0		7.0		7.0
	CH27		7.0		7.0		7.0
	CH35		7.0		7.0		7.0
	CH43		7.0		7.0		7.0
	CH51		7.0		7.0		7.0
	CH59		7.0		7.0		7.0
	CH67		7.0		7.0		7.0
	CH75		7.0		7.0		7.0
	CH83		7.0		7.0		7.0
	CH91		7.0		7.0		7.0
B5_802.11be_80MHz	CH7	9	7.0	10	7.0	14	7.0
	CH23		7.0		7.0		7.0
	CH39		7.0		7.0		7.0
	CH55		7.0		7.0		7.0
	CH71		7.0		7.0		7.0
	CH87		7.0		7.0		7.0
B5_802.11be_160MHz	CH15	9	7.0	10	7.0	14	7.0
	CH47		7.0		7.0		7.0
	CH79		7.0		7.0		7.0
B5_802.11be_320MHz	CH31	9	7.0	10	7.0	14	7.0
	CH63	9	7.0	10	7.0	14	7.0

Mode	Channel	ANT	Head/Body Standalone	ANT	Head/Body Standalone	ANT	Head/Body Standalone
B6_802.11a_20MHz	CH97	9	7.0	10	7.5	14	7.0
	CH101		7.0		7.5		7.0
	CH105		7.0		7.5		7.0
	CH109		7.0		7.5		7.0
	CH113		7.0		7.5		7.0
B6_802.11ax_20MHz	CH97	9	7.0	10	7.5	14	7.0
	CH101		7.0		7.5		7.0
	CH105		7.0		7.5		7.0
	CH109		7.0		7.5		7.0
	CH113		7.0		7.5		7.0
B6_802.11ax_40MHz	CH99	9	7.0	10	7.5	14	7.0
	CH107		7.0		7.5		7.0
	CH115		7.0		7.5		7.0
B6_802.11ax_80MHz	CH103	9	7.0	10	7.5	14	7.0
B6_802.11ax_160MHz	CH111	9	7.0	10	7.5	14	7.0
B6_802.11be_20MHz	CH97	9	7.0	10	7.5	14	7.0
	CH101		7.0		7.5		7.0
	CH105		7.0		7.5		7.0
	CH109		7.0		7.5		7.0
	CH113		7.0		7.5		7.0
B6_802.11be_40MHz	CH99	9	7.0	10	7.5	14	7.0
	CH107		7.0		7.5		7.0
	CH115		7.0		7.5		7.0
B6_802.11be_80MHz	CH103	9	7.0	10	7.5	14	7.0
B6_802.11be_160MHz	CH111	9	7.0	10	7.5	14	7.0
B6_802.11be_320MHz	CH95	9	7.0	10	7.5	14	7.0

Mode	Channel	ANT	Head/Body Standalone	ANT	Head/Body Standalone	ANT	Head/Body Standalone
B7_802.11a_20MHz	CH117	9	7.0	10	9.0	14	7.0
	CH121		7.0		9.0		7.0
	CH125		7.0		9.0		7.0
	CH129		7.0		9.0		7.0
	CH133		7.0		9.0		7.0
	CH137		7.0		9.0		7.0
	CH141		7.0		9.0		7.0
	CH145		7.0		9.0		7.0
	CH149		7.0		9.0		7.0
	CH153		7.0		9.0		7.0
	CH157		7.0		9.0		7.0
	CH161		7.0		9.0		7.0
	CH165		7.0		9.0		7.0
	CH169		7.0		9.0		7.0
	CH173		7.0		9.0		7.0
	CH177		7.0		9.0		7.0
	CH181		7.0		9.0		7.0
B7_802.11ax_20MHz	CH117	9	7.0	10	9.0	14	7.0
	CH121		7.0		9.0		7.0
	CH125		7.0		9.0		7.0
	CH129		7.0		9.0		7.0
	CH133		7.0		9.0		7.0
	CH137		7.0		9.0		7.0
	CH141		7.0		9.0		7.0
	CH145		7.0		9.0		7.0
	CH149		7.0		9.0		7.0
	CH153		7.0		9.0		7.0
	CH157		7.0		9.0		7.0
	CH161		7.0		9.0		7.0
	CH165		7.0		9.0		7.0
	CH169		7.0		9.0		7.0
	CH173		7.0		9.0		7.0
	CH177		7.0		9.0		7.0
	CH181		7.0		9.0		7.0
B7_802.11ax_40MHz	CH123	9	7.0	10	9.0	14	7.0
	CH131		7.0		9.0		7.0
	CH139		7.0		9.0		7.0
	CH147		7.0		9.0		7.0
	CH155		7.0		9.0		7.0
	CH163		7.0		9.0		7.0
	CH171		7.0		9.0		7.0
	CH179		7.0		9.0		7.0
B7_802.11ax_80MHz	CH119	9	7.0	10	9.0	14	7.0
	CH135		7.0		9.0		7.0
	CH151		7.0		9.0		7.0
	CH167		7.0		9.0		7.0
	CH183		7.0		9.0		7.0
B7_802.11ax_160MHz	CH143	9	7.0	10	9.0	14	7.0
	CH175		7.0		9.0		7.0
B7_802.11be_20MHz	CH117	9	7.0	10	9.0	14	7.0
	CH121		7.0		9.0		7.0
	CH125		7.0		9.0		7.0
	CH129		7.0		9.0		7.0
	CH133		7.0		9.0		7.0
	CH137		7.0		9.0		7.0
	CH141		7.0		9.0		7.0
	CH145		7.0		9.0		7.0
	CH149		7.0		9.0		7.0
	CH153		7.0		9.0		7.0
	CH157		7.0		9.0		7.0
	CH161		7.0		9.0		7.0
	CH165		7.0		9.0		7.0
	CH169		7.0		9.0		7.0
	CH173		7.0		9.0		7.0
	CH177		7.0		9.0		7.0
	CH181		7.0		9.0		7.0
B7_802.11be_40MHz	CH123	9	7.0	10	9.0	14	7.0
	CH131		7.0		9.0		7.0
	CH139		7.0		9.0		7.0
	CH147		7.0		9.0		7.0
	CH155		7.0		9.0		7.0
	CH163		7.0		9.0		7.0
	CH171		7.0		9.0		7.0
	CH179		7.0		9.0		7.0
B7_802.11be_80MHz	CH119	9	7.0	10	9.0	14	7.0
	CH135		7.0		9.0		7.0
	CH151		7.0		9.0		7.0
	CH167		7.0		9.0		7.0
	CH183		7.0		9.0		7.0
B7_802.11be_160MHz	CH143	9	7.0	10	9.0	14	7.0
	CH175		7.0		9.0		7.0
B7_802.11be_320MHz	CH127	9	7.0	10	9.0	14	7.0
	CH159	9	7.0	10	9.0	14	7.0

Mode	Channel	ANT	Head/Body Standalone	ANT	Head/Body Standalone	ANT	Head/Body Standalone
B8_802.11a_20MHz	CH185	9	7.0	10	12.0	14	7.0
	CH189		7.0		12.0		7.0
	CH193		7.0		12.0		7.0
	CH197		7.0		12.0		7.0
	CH201		7.0		12.0		7.0
	CH205		7.0		12.0		7.0
	CH209		7.0		12.0		7.0
	CH213		7.0		12.0		7.0
	CH217		7.0		12.0		7.0
	CH221		7.0		12.0		7.0
	CH225		7.0		12.0		7.0
	CH229		7.0		12.0		7.0
	CH233		7.0		-12.0		7.0
B8_802.11ax_20MHz	CH185	9	7.0	10	12.0	14	7.0
	CH189		7.0		12.0		7.0
	CH193		7.0		12.0		7.0
	CH197		7.0		12.0		7.0
	CH201		7.0		12.0		7.0
	CH205		7.0		12.0		7.0
	CH209		7.0		12.0		7.0
	CH213		7.0		12.0		7.0
	CH217		7.0		12.0		7.0
	CH221		7.0		12.0		7.0
	CH225		7.0		12.0		7.0
	CH229		7.0		12.0		7.0
	CH233		7.0		-12.0		7.0
B8_802.11ax_40MHz	CH187	9	7.0	10	12.0	14	7.0
	CH195		7.0		12.0		7.0
	CH203		7.0		12.0		7.0
	CH211		7.0		12.0		7.0
	CH219		7.0		12.0		7.0
	CH227		7.0		12.0		7.0
B8_802.11ax_80MHz	CH199	9	7.0	10	12.0	14	7.0
	CH215		7.0		12.0		7.0
B8_802.11ax_160MHz	CH207	9	7.0	10	12.0	14	7.0
B8_802.11be_20MHz	CH185	9	7.0	10	12.0	14	7.0
	CH189		7.0		12.0		7.0
	CH193		7.0		12.0		7.0
	CH197		7.0		12.0		7.0
	CH201		7.0		12.0		7.0
	CH205		7.0		12.0		7.0
	CH209		7.0		12.0		7.0
	CH213		7.0		12.0		7.0
	CH217		7.0		12.0		7.0
	CH221		7.0		12.0		7.0
	CH225		7.0		12.0		7.0
	CH229		7.0		12.0		7.0
	CH233		7.0		-12.0		7.0
B8_802.11be_40MHz	CH187	9	7.0	10	12.0	14	7.0
	CH195		7.0		12.0		7.0
	CH203		7.0		12.0		7.0
	CH211		7.0		12.0		7.0
	CH219		7.0		12.0		7.0
	CH227		7.0		12.0		7.0
B8_802.11be_80MHz	CH199	9	7.0	10	12.0	14	7.0
	CH215		7.0		12.0		7.0
B8_802.11be_160MHz	CH207	9	7.0	10	12.0	14	7.0
B8_802.11be_320MHz	CH191	9	7.0	10	12.0	14	7.0

The maximum output power for WiFi 2.4G ANT12 –Head/Body stand-alone

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	16.15
6(2437MHz)	16.13
1(2412MHz)	16.59
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	13.91
6(2437MHz)	16.08
1(2412MHz)	13.78
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.52
6(2437MHz)	15.80
1(2412MHz)	13.84
802.11ac(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.58
6(2437MHz)	15.88
1(2412MHz)	13.70
802.11ax(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.54
6(2437MHz)	15.91
1(2412MHz)	13.76
802.11be(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.65
6(2437MHz)	16.08
1(2412MHz)	13.84

The maximum output power for WiFi 2.4G ANT12 –Head simultaneous transmission

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	13.17
6(2437MHz)	13.16
1(2412MHz)	13.19
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	12.76
6(2437MHz)	12.87
1(2412MHz)	13.36
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	12.68
6(2437MHz)	12.77
1(2412MHz)	13.23
802.11ac(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	12.66
6(2437MHz)	12.71
1(2412MHz)	13.08
802.11ax(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	12.89
6(2437MHz)	12.97
1(2412MHz)	13.28
802.11be(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	12.85
6(2437MHz)	12.93
1(2412MHz)	13.32

The maximum output power for WiFi 2.4G ANT7 –Head/Body stand-alone

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	16.11
6(2437MHz)	16.03
1(2412MHz)	16.33
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	13.75
6(2437MHz)	16.31
1(2412MHz)	14.11
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.73
6(2437MHz)	16.27
1(2412MHz)	14.09
802.11ac(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.65
6(2437MHz)	16.21
1(2412MHz)	14.21
802.11ax(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	14.23
6(2437MHz)	16.31
1(2412MHz)	14.31
802.11be(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.81
6(2437MHz)	16.37
1(2412MHz)	14.14

The maximum output power for WiFi 2.4G ANT7 –Head simultaneous transmission

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	13.27
6(2437MHz)	13.14
1(2412MHz)	13.55
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	13.07
6(2437MHz)	13.15
1(2412MHz)	13.47
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	12.97
6(2437MHz)	13.05
1(2412MHz)	13.38
802.11ac(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.04
6(2437MHz)	13.02
1(2412MHz)	13.43
802.11ax(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.20
6(2437MHz)	13.28
1(2412MHz)	13.62
802.11be(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.18
6(2437MHz)	13.26
1(2412MHz)	13.57

The maximum output power for WiFi 2.4G MIMO –Head/Body stand-alone

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	17.11
6(2437MHz)	17.17
1(2412MHz)	17.19
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	16.84
6(2437MHz)	17.18
1(2412MHz)	16.96
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	16.64
6(2437MHz)	17.04
1(2412MHz)	16.98
802.11ac(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	16.63
6(2437MHz)	17.02
1(2412MHz)	16.97
802.11ax(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	16.91
6(2437MHz)	17.20
1(2412MHz)	17.05
802.11be(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	16.74
6(2437MHz)	17.21
1(2412MHz)	17.00

The maximum output power for WiFi 5G ANT9 –Head stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	12.48
46(5230 MHz)	12.31

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	12.04
106(5530 MHz)	11.62
122(5610 MHz)	11.52
138(5690 MHz)	11.51

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	12.13
153(5765 MHz)	12.26
157(5785 MHz)	12.25
161(5805 MHz)	11.87
165(5825 MHz)	11.93

The maximum output power for WiFi 5G ANT9 –Head simultaneous transmission

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	9.22
46(5230 MHz)	9.07

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	8.77
106(5530 MHz)	8.63
122(5610 MHz)	8.66
138(5690 MHz)	9.07

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	9.73
153(5765 MHz)	9.89
157(5785 MHz)	9.84
161(5805 MHz)	9.75
165(5825 MHz)	9.58

The maximum output power for WiFi 5G ANT9 –Body stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.24
46(5230 MHz)	13.16

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	13.10
106(5530 MHz)	11.62
122(5610 MHz)	12.51
138(5690 MHz)	12.66

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	13.13
153(5765 MHz)	13.37
157(5785 MHz)	13.23
161(5805 MHz)	13.14
165(5825 MHz)	13.09

The maximum output power for WiFi 5G ANT10 –Head stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	11.98
46(5230 MHz)	12.00

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	12.28
106(5530 MHz)	11.91
122(5610 MHz)	11.95
138(5690 MHz)	12.13

802.11a(dBm)	
Channel\data rate	
149(5745 MHz)	12.47
153(5765 MHz)	12.54
157(5785 MHz)	12.70
161(5805 MHz)	12.65
165(5825 MHz)	11.83

The maximum output power for WiFi 5G ANT10 –Body stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.28
46(5230 MHz)	13.30

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	13.43
106(5530 MHz)	11.91
122(5610 MHz)	13.01
138(5690 MHz)	13.47

802.11a(dBm)	
Channel\data rate	
149(5745 MHz)	13.86
153(5765 MHz)	13.97
157(5785 MHz)	13.83
161(5805 MHz)	13.98
165(5825 MHz)	13.14

The maximum output power for WiFi 5G ANT14 –Head stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	12.35
46(5230 MHz)	12.30

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	12.62
106(5530 MHz)	12.07
122(5610 MHz)	12.05
138(5690 MHz)	12.35

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	11.83
153(5765 MHz)	12.02
157(5785 MHz)	11.86
161(5805 MHz)	11.81
165(5825 MHz)	12.09

The maximum output power for WiFi 5G ANT14 –Body stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.43
46(5230 MHz)	13.49

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	13.52
106(5530 MHz)	12.07
122(5610 MHz)	13.21
138(5690 MHz)	13.16

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	12.96
153(5765 MHz)	13.02
157(5785 MHz)	13.01
161(5805 MHz)	12.96
165(5825 MHz)	12.95

The maximum output power for WiFi 5G MIMO(9+10) –Head stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	12.64
46(5230 MHz)	12.78

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	13.20
106(5530 MHz)	12.59
122(5610 MHz)	12.59
138(5690 MHz)	13.27

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	12.59
153(5765 MHz)	13.12
157(5785 MHz)	13.06
161(5805 MHz)	13.04
165(5825 MHz)	12.75

The maximum output power for WiFi 5G MIMO(9+10) –Body stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.57
46(5230 MHz)	13.76

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	13.77
106(5530 MHz)	13.50
122(5610 MHz)	13.54
138(5690 MHz)	14.05

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	13.56
153(5765 MHz)	13.86
157(5785 MHz)	13.73
161(5805 MHz)	13.74
165(5825 MHz)	13.71

The maximum output power for WiFi 5G MIMO(10+11) –Head stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	12.88
46(5230 MHz)	13.03

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	13.54
106(5530 MHz)	12.86
122(5610 MHz)	12.89
138(5690 MHz)	13.31

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	12.71
153(5765 MHz)	13.17
157(5785 MHz)	13.29
161(5805 MHz)	13.18
165(5825 MHz)	12.77

The maximum output power for WiFi 5G MIMO(10+11) –Body stand-alone

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.71
46(5230 MHz)	13.92

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	14.14
106(5530 MHz)	13.74
122(5610 MHz)	13.73
138(5690 MHz)	14.09

802.11a(dBm)	
Channel\data rate	6Mbps
149(5745 MHz)	13.68
153(5765 MHz)	13.73
157(5785 MHz)	13.84
161(5805 MHz)	13.70
165(5825 MHz)	13.68

The maximum output power for WiFi 6E ANT9 –Head/Body stand-alone

802.11be-320M(dBm)	
Channel\data rate	MCS0
31(6105 MHz)	5.71
63(6265 MHz)	5.66
95(6425 MHz)	5.73
127(6585 MHz)	5.93
159(6745 MHz)	5.98
191(6905 MHz)	5.94

The maximum output power for WiFi 6E ANT10 –Head/Body stand-alone

802.11be-320M(dBm)	
Channel\data rate	MCS0
31(6105 MHz)	5.02
63(6265 MHz)	5.62
95(6425 MHz)	5.98
127(6585 MHz)	5.55
159(6745 MHz)	5.25
191(6905 MHz)	5.46

The maximum output power for WiFi 6E ANT14 –Head/Body stand-alone

802.11be-320M(dBm)	
Channel\data rate	MCS0
31(6105 MHz)	6.27
63(6265 MHz)	5.69
95(6425 MHz)	5.61
127(6585 MHz)	5.59
159(6745 MHz)	5.02
191(6905 MHz)	5.06

13 Simultaneous TX SAR Considerations

13.1 Transmit Antenna Separation Distances

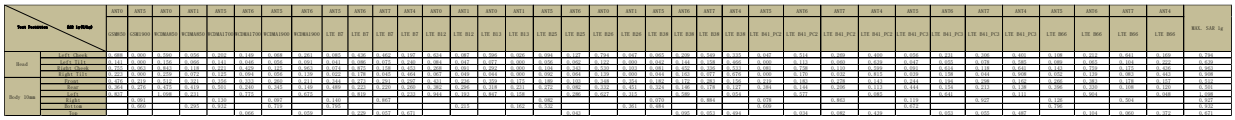
The detail for transmit antenna separation distances is described in the additional document:
Appendix to test report No.24T04Z101591-016
The photos of SAR test

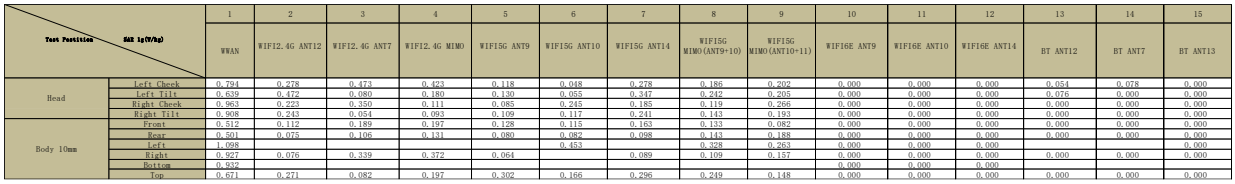
13.2 SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR, the edges with less than 2.5 cm distance to the antennas need to be tested for SAR.

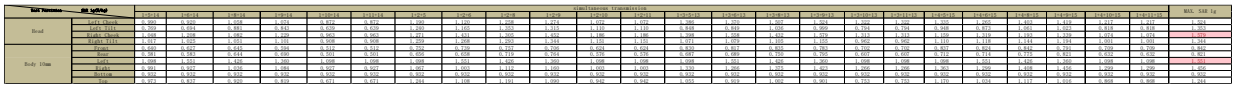
Antenna/Sensor-to- DUT sides separation distances						
Mode	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
Ant.0	<25mm	<25mm	<25mm	>25mm	>25mm	>25mm
Ant.1	<25mm	<25mm	<25mm	>25mm	>25mm	<25mm
Ant.5	<25mm	<25mm	>25mm	<25mm	>25mm	<25mm
Ant.6	<25mm	<25mm	<25mm	>25mm	<25mm	>25mm
Ant.7	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.4	<25mm	<25mm	<25mm	>25mm	<25mm	>25mm
Ant.12	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.9	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.10	<25mm	<25mm	<25mm	>25mm	<25mm	>25mm
Ant.14	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm

14 Evaluation of Simultaneous



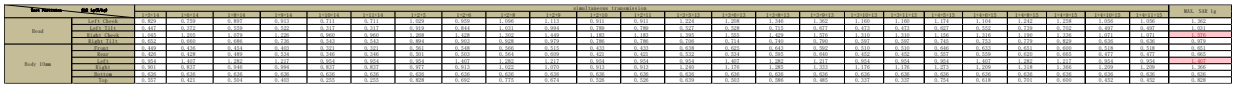


Test Position / SAR 1g(W/kg)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		WWAN	WIFI2.4G ANT12	WIFI2.4G ANT7	WIFI2.4G MIMO	WIFI5G ANT9	WIFI5G ANT10	WIFI5G ANT14	WIFI5G MIMO(ANT9+10)	WIFI5G MIMO(ANT10+11)	WIFI6E ANT9	WIFI6E ANT10	WIFI6E ANT14	BT ANT12	BT ANT7	BT ANT13
Head	Left Cheek	0.794	0.278	0.473	0.423	0.118	0.048	0.278	0.186	0.202	0.000	0.000	0.000	0.054	0.078	0.000
	Left Tilt	0.639	0.472	0.080	0.180	0.130	0.055	0.347	0.242	0.205	0.000	0.000	0.000	0.076	0.000	0.000
	Right Cheek	0.963	0.223	0.350	0.111	0.085	0.245	0.185	0.119	0.266	0.000	0.000	0.000	0.000	0.000	0.000
	Right Tilt	0.908	0.243	0.054	0.093	0.109	0.117	0.241	0.143	0.193	0.000	0.000	0.000	0.000	0.000	0.000
Body 10mm	Front	0.512	0.112	0.189	0.197	0.128	0.115	0.163	0.133	0.082	0.000	0.000	0.000	0.000	0.000	0.000
	Rear	0.501	0.075	0.106	0.131	0.080	0.082	0.098	0.143	0.188	0.000	0.000	0.000	0.000	0.000	0.000
	Left	1.098					0.453		0.328	0.263	0.000	0.000	0.000			0.000
	Right	0.927	0.076	0.339	0.372	0.064		0.089	0.109	0.157	0.000	0.000	0.000	0.000	0.000	0.000
	Bottom	0.932									0.000	0.000	0.000			
	Top	0.671	0.271	0.082	0.197	0.302	0.166	0.296	0.249	0.148	0.000	0.000	0.000	0.000	0.000	0.000



Test Position / SAR 1g(W/kg)		ANT5	ANT6	ANT0	ANT1	ANT5	ANT6	ANT7	ANT4	ANT0	ANT1	ANT5	ANT6	ANT0	ANT1	ANT5	ANT6	ANT7	ANT4	ANT5	ANT6	ANT7	ANT4	MAX. SAR 1g
		n2	n2	n5	n5	n7	n7	n7	n7	n12	n12	n25	n25	n26	n26	n38	n38	n38	n38	n41	n41	n41	n41	n66	n66	n66	n66	
Head	Left Cheek	0.065	0.153	0.427	0.025	0.073	0.157	0.624	0.117	0.512	0.058	0.000	0.267	0.318	0.000	0.034	0.089	0.614	0.125	0.134	0.164	0.471	0.223	0.046	0.253	0.633	0.077	0.633
	Left Tilt	0.037	0.058	0.057	0.000	0.020	0.065	0.143	0.165	0.085	0.000	0.000	0.057	0.025	0.000	0.022	0.036	0.081	0.186	0.043	0.048	0.071	0.317	0.035	0.129	0.095	0.109	0.317
	Right Cheek	0.079	0.521	0.111	0.000	0.196	0.311	0.183	0.305	0.184	0.000	0.056	0.912	0.067	0.000	0.204	0.288	0.190	0.348	0.244	0.454	0.125	0.324	0.088	0.960	0.247	0.153	0.960
	Right Tilt	0.033	0.112	0.041	0.000	0.045	0.079	0.052	0.381	0.057	0.000	0.000	0.188	0.022	0.000	0.059	0.054	0.091	0.274	0.113	0.091	0.038	0.543	0.032	0.219	0.049	0.180	0.543
Body 10mm	Front	0.219	0.218	0.135	0.155	0.270	0.057	0.154	0.058	0.280	0.071	0.172	0.303	0.282	0.107	0.276	0.052	0.233	0.057	0.227	0.074	0.170	0.051	0.262	0.264	0.221	0.041	0.221
	Rear	0.292	0.186	0.111	0.171	0.259	0.056	0.109	0.077	0.243	0.092	0.231	0.235	0.252	0.179	0.346	0.041	0.162	0.044	0.253	0.056	0.118	0.038	0.292	0.213	0.199	0.047	0.346
	Left		0.603	0.337	0.085		0.241		0.029	0.582	0.052		0.954	0.639	0.065		0.208		0.036		0.279		0.029		0.816		0.033	0.954
	Right	0.106				0.118		0.530				0.097				0.125		0.837		0.125		0.640		0.135		0.422		0.837
	Bottom	0.472			0.129	0.393					0.202	0.507			0.110	0.636				0.321				0.518				0.636
	Top		0.051				0.047	0.057	0.068				0.098				0.035	0.065	0.189		0.049	0.085	0.255		0.103	0.097	0.079	0.255

Test Position / SAR 1g(W/kg)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		WWAN	WIFI2.4G ANT12	WIFI2.4G ANT7	WIFI2.4G MIMO	WIFI5G ANT9	WIFI5G ANT10	WIFI5G ANT14	WIFI5G MIMO(ANT9+10)	WIFI5G MIMO(ANT10+11)	WIFI6E ANT9	WIFI6E ANT10	WIFI6E ANT14	BT ANT12	BT ANT7	BT ANT13
Head	Left Cheek	0.633	0.278	0.473	0.423	0.118	0.048	0.278	0.186	0.202	0.000	0.000	0.000	0.054	0.078	0.000
	Left Tilt	0.317	0.472	0.080	0.180	0.130	0.055	0.347	0.242	0.205	0.000	0.000	0.000	0.076	0.000	0.000
	Right Cheek	0.960	0.223	0.350	0.111	0.085	0.245	0.185	0.119	0.266	0.000	0.000	0.000	0.000	0.000	0.000
	Right Tilt	0.543	0.243	0.054	0.093	0.109	0.117	0.241	0.143	0.193	0.000	0.000	0.000	0.000	0.000	0.000
Body 10mm	Front	0.321	0.112	0.189	0.197	0.128	0.115	0.163	0.133	0.082	0.000	0.000	0.000	0.000	0.000	0.000
	Rear	0.346	0.075	0.106	0.131	0.080	0.082	0.098	0.143	0.188	0.000	0.000	0.000	0.000	0.000	0.000
	Left	0.954					0.453		0.328	0.263	0.000	0.000	0.000			0.000
	Right	0.837	0.076	0.339	0.372	0.064		0.089	0.109	0.157	0.000	0.000	0.000	0.000	0.000	0.000
	Bottom	0.636									0.000	0.000	0.000			
	Top	0.255	0.271	0.082	0.197	0.302	0.166	0.296	0.249	0.148	0.000	0.000	0.000	0.000	0.000	0.000



Note: The result of NFC is lower than 0.01

Conclusion:

According to the above tables, the sum of reported SAR values is<1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.

15 SAR Test Result

Note:

KDB 447498 D01 General RF Exposure Guidance:

For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor

For BT/WLAN: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz

≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz

≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR:

With headset attached, when the reported SAR for body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

KDB 941225 D01 SAR test for 3G devices:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.

When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.

Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low,Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.

Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.

Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is <1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the

group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

KDB 248227 D01 SAR meas for 802.11:

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions.An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

To determine the initial test position, Area Scans were performed to determine the position with the Maximum Value of SAR (measured). The position that produced the highest Maximum Value of SAR is considered the worst case position; thus used as the initial test position.

The multiple test positions require SAR measurements in head, hotspot mode or UMPC mini-tablet configurations may be reduced according to the highest reported SAR determined using the initial test position(s) by applying the DSSS or OFDM SAR measurement procedures in the required wireless mode test configuration(s). The initial test position(s) is measured using the highest measured maximum output power channel in the required wireless mode test configuration(s).

When the reported SAR for the initial test position is:

≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and wireless mode combination within the frequency band or aggregated band. DSSS and OFDM configurations are considered separately according to the required SAR procedures.

> 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions are tested.

- For subsequent test positions with equivalent test separation distance or when exposure is dominated by coupling conditions, the position for maximum coupling condition should be tested.
- When it is unclear, all equivalent conditions must be tested.

For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, measure the SAR for these positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required test channels are considered.

- The additional power measurements required for this step should be limited to those necessary for identifying subsequent highest output power channels to apply the test reduction.

When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.

When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

Table 15.1: Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS&EGPRS 1 Slot	1:8.3
GPRS&EGPRS 2 Slot	1:4
GPRS&EGPRS 3 Slot	1:2.67
GPRS&EGPRS 4 Slot	1:2
WCDMA&LTE FDD	1:1
TDD PC3	1:1.58
TDD PC2	1:2.31

Note1: The data is used for stand-alone
Note2: The data is used for simultaneous transmission

15.1 SAR results for 2G/3G/4G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	GSM850	190	836.6	GPRS(1TX)	Cheek Left	0mm	\	\	30.93	31.60	0.590	**0.688**	0.331	**0.386**	-0.12
0	Head	GSM850	190	836.6	GPRS(1TX)	Tilt Left	0mm	\	\	30.93	31.60	0.121	**0.141**	0.077	**0.090**	-0.06
0	Head	GSM850	251	848.8	GPRS(1TX)	Cheek Right	0mm	\	\	30.85	31.60	0.630	**0.749**	0.339	**0.403**	0.17
0	Head	GSM850	190	836.6	GPRS(1TX)	Cheek Right	0mm	FIG A.1	\	30.93	31.60	0.647	0.755	0.370	**0.432**	-0.09
0	Head	GSM850	128	824.2	GPRS(1TX)	Cheek Right	0mm	\	\	30.61	31.60	0.491	**0.617**	0.276	**0.347**	-0.09
0	Head	GSM850	190	836.6	GPRS(1TX)	Tilt Right	0mm	\	\	30.93	31.60	0.191	**0.223**	0.115	**0.134**	-0.06
0	Body	GSM850	190	836.6	GPRS(1TX)	Front	10mm	\	\	32.84	33.10	0.448	**0.476**	0.294	**0.312**	-0.12
0	Body	GSM850	190	836.6	GPRS(1TX)	Rear	10mm	\	\	32.84	33.10	0.343	**0.364**	0.233	**0.247**	-0.12
0	Body	GSM850	251	848.8	GPRS(1TX)	Left	10mm	\	\	32.80	33.10	0.672	**0.720**	0.420	**0.450**	0.10
0	Body	GSM850	190	836.6	GPRS(1TX)	Left	10mm	FIG A.2	\	32.84	33.10	0.788	0.837	0.465	**0.494**	0.02
0	Body	GSM850	128	824.2	GPRS(1TX)	Left	10mm	\	\	32.51	33.10	0.557	**0.638**	0.399	**0.457**	-0.19
5	Head	GSM1900	661	1880	GPRS(4TX)	Cheek Left	0mm	\	\	24.46	25.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	GSM1900	661	1880	GPRS(4TX)	Tilt Left	0mm	\	\	24.46	25.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	GSM1900	810	1909.8	GPRS(4TX)	Cheek Right	0mm	FIG A.3	\	24.74	25.00	0.059	0.063	0.036	**0.038**	0.16
5	Head	GSM1900	661	1880	GPRS(4TX)	Cheek Right	0mm	\	\	24.46	25.00	0.051	**0.058**	0.034	**0.039**	-0.09
5	Head	GSM1900	512	1850.2	GPRS(4TX)	Cheek Right	0mm	\	\	24.08	25.00	0.047	**0.058**	0.031	**0.038**	0.15
5	Head	GSM1900	661	1880	GPRS(4TX)	Tilt Right	0mm	\	\	24.46	25.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	GSM1900	661	1880	GPRS(4TX)	Front	10mm	\	\	24.46	25.00	0.193	**0.219**	0.104	**0.118**	0.01
5	Body	GSM1900	661	1880	GPRS(4TX)	Rear	10mm	\	\	24.46	25.00	0.244	**0.276**	0.133	**0.151**	0.18
5	Body	GSM1900	661	1880	GPRS(4TX)	Right	10mm	\	\	24.46	25.00	0.080	**0.091**	0.046	**0.052**	-0.06
5	Body	GSM1900	810	1909.8	GPRS(4TX)	Bottom	10mm	FIG A.4	\	24.74	25.00	0.622	0.660	0.325	**0.345**	-0.03
5	Body	GSM1900	661	1880	GPRS(4TX)	Bottom	10mm	\	\	24.46	25.00	0.477	**0.540**	0.248	**0.281**	0.15
5	Body	GSM1900	512	1850.2	GPRS(4TX)	Bottom	10mm	\	\	24.08	25.00	0.389	**0.481**	0.208	**0.257**	-0.07
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	\	21.25	21.90	0.508	**0.590**	0.287	**0.333**	0.03
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	\	21.25	21.90	0.134	**0.156**	0.097	**0.113**	0.05
0	Head	WCDMA 850	4233	846.6	RMC	Cheek Right	0mm	FIG A.5	\	21.15	21.90	0.709	0.843	0.407	**0.484**	0.03
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	\	21.25	21.90	0.671	**0.779**	0.401	**0.466**	-0.12
0	Head	WCDMA 850	4132	826.4	RMC	Cheek Right	0mm	\	\	21.31	21.90	0.584	**0.669**	0.357	**0.409**	0.10
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	\	21.25	21.90	0.223	**0.259**	0.142	**0.165**	0.11
0	Body	WCDMA 850	4183	836.6	RMC	Front	10mm	\	\	23.78	24.40	0.444	**0.512**	0.274	**0.316**	0.16
0	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	\	\	23.78	24.40	0.412	**0.475**	0.254	**0.293**	0.05
0	Body	WCDMA 850	4233	846.6	RMC	Left	10mm	FIG A.6	\	23.69	24.40	0.932	1.098	0.554	**0.652**	-0.15
0	Body	WCDMA 850	4183	836.6	RMC	Left	10mm	\	\	23.78	24.40	0.907	**1.046**	0.539	**0.622**	-0.03
0	Body	WCDMA 850	4132	826.4	RMC	Left	10mm	\	\	23.81	24.40	0.890	**1.020**	0.534	**0.612**	-0.08
1	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	\	24.32	24.90	0.049	**0.056**	0.040	**0.046**	0.12
1	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	\	24.32	24.90	0.058	**0.066**	0.050	**0.057**	0.05
1	Head	WCDMA 850	4233	846.6	RMC	Cheek Right	0mm	\	\	24.25	24.90	0.096	**0.111**	0.077	**0.089**	-0.06
1	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	\	24.32	24.90	0.103	0.118	0.082	**0.094**	0.08
1	Head	WCDMA 850	4132	826.4	RMC	Cheek Right	0mm	\	\	24.43	24.90	0.088	**0.098**	0.070	**0.078**	0.14
1	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	\	24.32	24.90	0.063	**0.072**	0.052	**0.059**	0.15
1	Body	WCDMA 850	4183	836.6	RMC	Front	10mm	\	\	24.32	24.90	0.281	**0.321**	0.175	**0.200**	-0.07
1	Body	WCDMA 850	4233	846.6	RMC	Rear	10mm	\	\	24.25	24.90	0.359	**0.417**	0.236	**0.274**	-0.08
1	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	\	\	24.32	24.90	0.367	0.419	0.244	**0.279**	0.08
1	Body	WCDMA 850	4132	826.4	RMC	Rear	10mm	\	\	24.43	24.90	0.333	**0.371**	0.217	**0.242**	-0.04
1	Body	WCDMA 850	4183	836.6	RMC	Left	10mm	\	\	24.32	24.90	0.202	**0.231**	0.099	**0.113**	-0.07
1	Body	WCDMA 850	4183	836.6	RMC	Bottom	10mm	\	\	24.32	24.90	0.258	**0.295**	0.134	**0.153**	-0.03
5	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	\	23.87	25.00	0.156	**0.202**	0.100	**0.130**	0.03
5	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	\	23.87	25.00	0.109	**0.141**	0.070	**0.091**	0.13
5	Head	WCDMA 1700	1513	1752.6	RMC	Cheek Right	0mm	\	\	23.99	25.00	0.175	0.221	0.113	**0.143**	0.12
5	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	\	\	23.87	25.00	0.164	**0.213**	0.105	**0.136**	0.06
5	Head	WCDMA 1700	1312	1712.4	RMC	Cheek Right	0mm	\	\	23.79	25.00	0.161	**0.213**	0.103	**0.136**	-0.11
5	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	\	23.87	25.00	0.096	**0.125**	0.060	**0.078**	0.15
5	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	\	\	18.92	20.00	0.278	**0.356**	0.172	**0.221**	-0.16
5	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	\	\	18.92	20.00	0.391	**0.501**	0.233	**0.299**	-0.01
5	Body	WCDMA 1700	1412	1732.4	RMC	Right	10mm	\	\	18.92	20.00	0.101	**0.130**	0.053	**0.068**	-0.11
5	Body	WCDMA 1700	1513	1752.6	RMC	Bottom	10mm	\	\	18.97	20.00	0.677	**0.858**	0.375	**0.475**	-0.13
5	Body	WCDMA 1700	1412	1732.4	RMC	Bottom	10mm	FIG A.8	\	18.92	20.00	0.727	0.932	0.403	**0.517**	-0.05
5	Body	WCDMA 1700	1312	1712.4	RMC	Bottom	10mm	\	\	18.88	20.00	0.679	**0.879**	0.377	**0.488**	-0.09
6	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	\	13.51	14.60	0.116	**0.149**	0.058	**0.075**	-0.10
6	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	\	13.51	14.60	0.036	**0.046**	0.019	**0.024**	-0.12
6	Head	WCDMA 1700	1513	1752.6	RMC	Cheek Right	0mm	\	\	13.62	14.60	0.328	**0.411**	0.144	**0.180**	-0.07
6	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	FIG A.7	\	13.51	14.60	0.334	0.429	0.147	**0.189**	-0.08
6	Head	WCDMA 1700	1312	1712.4	RMC	Cheek Right	0mm	\	\	13.58	14.60	0.337	**0.426**	0.148	**0.187**	0.08
6	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	\	13.51	14.60	0.073	**0.094**	0.034	**0.044**	0.09
6	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	\	\	19.93	20.70	0.279	**0.333**	0.152	**0.181**	-0.10
6	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	\	\	19.93	20.70	0.201	**0.240**	0.117	**0.140**	0.17
6	Body	WCDMA 1700	1513	1752.6	RMC	Left	10mm	\	\	19.91	20.70	0.641	**0.769**	0.316	**0.379**	0.08
6	Body	WCDMA 1700	1412	1732.4	RMC	Left	10mm	\	\	19.93	20.70	0.646	**0.771**	0.321	**0.383**	0.07
6	Body	WCDMA 1700	1312	1712.4	RMC	Left	10mm	\	\	19.92	20.70	0.648	0.775	0.330	**0.395**	-0.03
6	Body	WCDMA 1700	1412	1732.4	RMC	Top	10mm	\	\	19.93	20.70	0.055	**0.066**	0.033	**0.039**	0.11
5	Head	WCDMA 1900	9400	1880	RMC	Cheek Left	0mm	\	\	24.25	25.00	0.057	**0.068**	0.037	**0.044**	-0.11
5	Head	WCDMA 1900	9400	1880	RMC	Tilt Left	0mm	\	\	24.25	25.00	0.047	**0.056**	0.030	**0.036**	-0.19
5	Head	WCDMA 1900	9538	1907.6	RMC	Cheek Right	0mm	\	\	24.02	25.00	0.098	**0.123**	0.062	**0.078**	-0.05
5	Head	WCDMA 1900	9400	1880	RMC	Cheek Right	0mm	\	\	24.25	25.00	0.078	**0.093**	0.050	**0.059**	0.06
5	Head	WCDMA 1900	9262	1852.4	RMC	Cheek Right	0mm	\	\	24.19	25.00	0.104	0.125	0.067	**0.081**	0.15
5	Head	WCDMA 1900	9400	1880	RMC	Tilt Right	0mm	\	\	24.25	25.00	0.047	**0.056**	0.029	**0.034**	-0.02
5	Body	WCDMA 1900	9400	1880	RMC	Front	10mm	\	\	20.95	21.80	0.214	**0.260**	0.116	**0.141**	0.11
5	Body	WCDMA 1900	9400	1880	RMC	Rear	10mm	\	\	20.95	21.80	0.284	**0.345**	0.157	**0.191**	-0.07
5	Body	WCDMA 1900	9400	1880	RMC	Right	10mm	\	\	20.95	21.80	0.080	**0.097**	0.044	**0.054**	-0.10
5	Body	WCDMA 1900	9538	1907.6	RMC	Bottom	10mm	\	\	20.82	21.80	0.469	**0.588**	0.247	**0.310**	0.17
5	Body	WCDMA 1900	9400	1880	RMC	Bottom	10mm	FIG A.10	\	20.95	21.80	0.591	0.719	0.305	**0.371**	0.04
5	Body	WCDMA 1900	9262	1852.4	RMC	Bottom	10mm	\	\	21.02	21.80	0.470	**0.562**	0.248	**0.297**	0.00
6	Head	WCDMA 1900	9400	1880	RMC	Cheek Left	0mm	\	\	15.15	16.00	0.215	**0.261**	0.121	**0.147**	0.04
6	Head	WCDMA 1900	9400	1880	RMC	Tilt Left	0mm	\	\	15.15	16.00	0.075	**0.091**	0.049	**0.060**	0.05
6	Head	WCDMA 1900	9538	1907.6	RMC	Cheek Right	0mm	\	\	15.16	16.00	0.632	**0.767**	0.285	**0.346**	-0.19
6	Head	WCDMA 1900	9400	1880	RMC	Cheek Right	0mm	\	\	15.15	16.00	0.723	**0.879**	0.325	**0.395**	0.12
6	Head	WCDMA 1900	9262	1852.4	RMC	Cheek Right	0mm	FIG A.9	\	15.27	16.00	0.814	0.963	0.368	**0.435**	0.04
6	Head	WCDMA 1900	9400	1880	RMC	Tilt Right	0mm	\	\	15.15	16.00	0.114	**0.139**	0.067	**0.081**	0.07
6	Body	WCDMA 1900	9400	1880	RMC	Front	10mm	\	\	19.11	19.80	0.180	**0.211**	0.099	**0.116**	-0.15
6	Body	WCDMA 1900	9400	1880	RMC	Rear	10mm	\	\	19.11	19.80	0.127	**0.149**	0.074	**0.087**	-0.07
6	Body	WCDMA 1900	9538	1907.6	RMC	Left	10mm	\	\	19.07	19.80	0.478	**0.565**	0.244	**0.289**	-0.04
6	Body	WCDMA 1900	9400	1880	RMC	Left	10mm	\	\	19.11	19.80	0.512	**0.600**	0.270	**0.316**	-0.16
6	Body	WCDMA 1900	9262	1852.4	RMC	Left	10mm	\	\	19.09	19.80	0.573	0.675	0.291	**0.343**	-0.10
6	Body	WCDMA 1900	9400	1880	RMC	Top	10mm	\	\	19.11	19.80	0.050	**0.059**	0.029	**0.034**	0.02

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	LTE Band7	21350	2560	1RB-Low	Cheek Left	0mm	\	\	24.52	25.00	0.076	0.085	0.040	**0.045**	0.18
5	Head	LTE Band7	21350	2560	1RB-Low	Tilt Left	0mm	\	\	24.52	25.00	0.037	**0.041**	0.020	**0.022**	0.07
5	Head	LTE Band7	21350	2560	1RB-Low	Cheek Right	0mm	\	\	24.52	25.00	0.066	**0.074**	0.034	**0.038**	0.09
5	Head	LTE Band7	21350	2560	1RB-Low	Tilt Right	0mm	\	\	24.52	25.00	0.009	**0.010**	0.005	**0.006**	-0.18
5	Head	LTE Band7	21350	2560	50RB-Low	Cheek Left	0mm	\	\	23.37	24.00	0.031	**0.036**	0.017	**0.020**	-0.04
5	Head	LTE Band7	21350	2560	50RB-Low	Tilt Left	0mm	\	\	23.37	24.00	0.017	**0.020**	0.009	**0.010**	-0.06
5	Head	LTE Band7	21350	2560	50RB-Low	Cheek Right	0mm	\	\	23.37	24.00	0.035	**0.040**	0.018	**0.021**	-0.08
5	Head	LTE Band7	21350	2560	50RB-Low	Tilt Right	0mm	\	\	23.37	24.00	0.019	**0.022**	0.010	**0.012**	0.12
5	Head	LTE Band7	21350	2560	1RB-Low	Cheek Left	0mm	\	ULCA	24.19	25.00	0.068	**0.082**	0.034	**0.041**	0.06
5	Body	LTE Band7	21350	2560	1RB-Low	Front	10mm	\	\	19.84	20.40	0.243	**0.276**	0.124	**0.141**	0.12
5	Body	LTE Band7	21350	2560	1RB-Low	Rear	10mm	\	\	19.84	20.40	0.406	**0.462**	0.186	**0.212**	-0.10
5	Body	LTE Band7	21350	2560	1RB-Low	Right	10mm	\	\	19.84	20.40	0.123	**0.140**	0.065	**0.074**	0.10
5	Body	LTE Band7	21350	2560	1RB-Low	Bottom	10mm	\	\	19.84	20.40	0.699	0.795	0.326	**0.371**	-0.03
5	Body	LTE Band7	21350	2560	50RB-Low	Front	10mm	\	\	19.76	20.40	0.297	**0.344**	0.145	**0.168**	-0.12
5	Body	LTE Band7	21350	2560	50RB-Low	Rear	10mm	\	\	19.76	20.40	0.422	**0.489**	0.197	**0.228**	-0.06
5	Body	LTE Band7	21350	2560	50RB-Low	Right	10mm	\	\	19.76	20.40	0.119	**0.138**	0.062	**0.072**	-0.05
5	Body	LTE Band7	21350	2560	50RB-Low	Bottom	10mm	\	\	19.76	20.40	0.660	**0.765**	0.309	**0.358**	0.14
5	Body	LTE Band7	21350	2560	50RB-Low	Bottom	10mm	\	ULCA	19.51	20.40	0.611	**0.750**	0.276	**0.339**	0.07
6	Head	LTE Band7	21100	2535	1RB-Middle	Cheek Left	0mm	\	Note1	16.27	17.70	0.387	**0.538**	0.160	**0.222**	0.10
6	Head	LTE Band7	21100	2535	1RB-Middle	Tilt Left	0mm	\	Note1	16.27	17.70	0.081	**0.113**	0.038	**0.053**	0.03
6	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Right	0mm	\	Note1	16.22	17.70	0.748	**1.052**	0.277	**0.389**	-0.05
6	Head	LTE Band7	21100	2535	1RB-Middle	Cheek Right	0mm	FIG A.11	Note1	16.27	17.70	0.776	1.079	0.286	**0.398**	0.03
6	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Right	0mm	\	Note1	15.96	17.70	0.716	**1.069**	0.263	**0.393**	-0.13
6	Head	LTE Band7	21100	2535	1RB-Middle	Tilt Right	0mm	\	Note1	16.27	17.70	0.156	**0.217**	0.071	**0.099**	-0.02
6	Head	LTE Band7	21100	2535	50RB-Middle	Cheek Left	0mm	\	Note1	16.15	17.70	0.393	**0.562**	0.162	**0.231**	-0.05
6	Head	LTE Band7	21100	2535	50RB-Middle	Tilt Left	0mm	\	Note1	16.15	17.70	0.077	**0.110**	0.037	**0.053**	-0.06
6	Head	LTE Band7	21350	2560	50RB-Middle	Cheek Right	0mm	\	Note1	16.12	17.70	0.715	**1.029**	0.268	**0.386**	0.11
6	Head	LTE Band7	21100	2535	50RB-Middle	Cheek Right	0mm	\	Note1	16.15	17.70	0.742	**1.060**	0.277	**0.396**	0.06
6	Head	LTE Band7	20850	2510	50RB-Middle	Cheek Right	0mm	\	Note1	15.92	17.70	0.685	**1.032**	0.255	**0.384**	0.07
6	Head	LTE Band7	21100	2535	50RB-Middle	Tilt Right	0mm	\	Note1	16.15	17.70	0.161	**0.230**	0.072	**0.103**	-0.13
6	Head	LTE Band7	21100	2535	100RB	Cheek Right	0mm	\	Note1	16.15	17.70	0.736	**1.052**	0.269	**0.384**	0.14
6	Head	LTE Band7	21100	2535	1RB-Low	Cheek Right	0mm	\	ULCA	15.95	17.70	0.683	**1.022**	0.254	**0.380**	0.09
6	Head	LTE Band7	21350	2560	1RB-Low	Cheek Left	0mm	\	Note2	15.43	16.80	0.303	**0.415**	0.130	**0.178**	-0.19
6	Head	LTE Band7	21350	2560	1RB-Low	Tilt Left	0mm	\	Note2	15.43	16.80	0.063	**0.086**	0.031	**0.042**	-0.07
6	Head	LTE Band7	21350	2560	1RB-Low	Cheek Right	0mm	\	Note2	15.43	16.80	0.586	**0.803**	0.225	**0.308**	0.08
6	Head	LTE Band7	21100	2535	1RB-Middle	Cheek Right	0mm	\	Note2	15.22	16.80	0.608	**0.875**	0.232	**0.334**	0.18
6	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Right	0mm	\	Note2	15.19	16.80	0.561	**0.813**	0.213	**0.309**	0.01
6	Head	LTE Band7	21350	2560	1RB-Low	Tilt Right	0mm	\	Note2	15.43	16.80	0.122	**0.167**	0.058	**0.080**	0.09
6	Head	LTE Band7	21100	2535	50RB-Low	Cheek Left	0mm	\	Note2	15.29	16.80	0.308	**0.436**	0.131	**0.185**	0.03
6	Head	LTE Band7	21100	2535	50RB-Low	Tilt Left	0mm	\	Note2	15.29	16.80	0.060	**0.085**	0.030	**0.042**	-0.09
6	Head	LTE Band7	21350	2560	50RB-Low	Cheek Right	0mm	\	Note2	15.14	16.80	0.560	**0.821**	0.217	**0.318**	0.13
6	Head	LTE Band7	21100	2535	50RB-Low	Cheek Right	0mm	\	Note2	15.29	16.80	0.581	**0.823**	0.225	**0.319**	-0.08
6	Head	LTE Band7	20850	2510	50RB-Low	Cheek Right	0mm	\	Note2	15.07	16.80	0.537	**0.800**	0.207	**0.308**	-0.04
6	Head	LTE Band7	21100	2535	50RB-Low	Tilt Right	0mm	\	Note2	15.29	16.80	0.126	**0.178**	0.058	**0.082**	0.18
6	Head	LTE Band7	21100	2535	100RB	Cheek Right	0mm	\	Note2	15.23	16.80	0.577	**0.828**	0.218	**0.313**	-0.01
6	Body	LTE Band7	21350	2560	1RB-Low	Front	10mm	\	\	18.25	19.10	0.161	**0.196**	0.082	**0.100**	-0.03
6	Body	LTE Band7	21350	2560	1RB-Low	Rear	10mm	\	\	18.25	19.10	0.183	**0.223**	0.094	**0.114**	0.03
6	Body	LTE Band7	21350	2560	1RB-Low	Left	10mm	\	\	18.25	19.10	0.615	**0.748**	0.282	**0.343**	-0.19
6	Body	LTE Band7	21350	2560	1RB-Low	Top	10mm	\	\	18.25	19.10	0.188	**0.229**	0.094	**0.114**	0.08
6	Body	LTE Band7	21350	2560	50RB-Low	Front	10mm	\	\	18.08	19.10	0.216	**0.273**	0.105	**0.133**	-0.13
6	Body	LTE Band7	21350	2560	50RB-Low	Rear	10mm	\	\	18.08	19.10	0.136	**0.172**	0.070	**0.089**	-0.07
6	Body	LTE Band7	21350	2560	50RB-Low	Left	10mm	\	\	18.08	19.10	0.634	**0.802**	0.286	**0.362**	-0.19
6	Body	LTE Band7	21100	2535	50RB-Low	Left	10mm	\	\	18.04	19.10	0.642	0.819	0.297	**0.379**	0.04
6	Body	LTE Band7	20850	2510	50RB-Low	Left	10mm	\	\	17.98	19.10	0.607	**0.786**	0.280	**0.362**	-0.07
6	Body	LTE Band7	21350	2560	50RB-Low	Top	10mm	\	\	18.08	19.10	0.053	**0.067**	0.028	**0.035**	0.11
6	Body	LTE Band7	21350	2560	100RB	Left	10mm	\	\	18.05	19.10	0.611	**0.778**	0.277	**0.353**	0.02
6	Body	LTE Band7	21350	2560	1RB-Low	Left	10mm	\	ULCA	17.43	19.10	0.531	**0.780**	0.238	**0.350**	0.04
7	Head	LTE Band7	21350	2560	1RB-High	Cheek Left	0mm	\	\	14.79	15.20	0.420	0.462	0.157	**0.173**	0.02
7	Head	LTE Band7	21350	2560	1RB-High	Tilt Left	0mm	\	\	14.79	15.20	0.065	**0.071**	0.027	**0.030**	-0.06
7	Head	LTE Band7	21350	2560	1RB-High	Cheek Right	0mm	\	\	14.79	15.20	0.140	**0.154**	0.060	**0.066**	-0.15
7	Head	LTE Band7	21350	2560	1RB-High	Tilt Right	0mm	\	\	14.79	15.20	0.041	**0.045**	0.018	**0.020**	-0.05
7	Head	LTE Band7	21350	2560	50RB-High	Cheek Left	0mm	\	\	14.77	15.20	0.362	**0.400**	0.135	**0.149**	-0.08
7	Head	LTE Band7	21350	2560	50RB-High	Tilt Left	0mm	\	\	14.77	15.20	0.068	**0.075**	0.028	**0.031**	-0.08
7	Head	LTE Band7	21350	2560	50RB-High	Cheek Right	0mm	\	\	14.77	15.20	0.143	**0.158**	0.061	**0.067**	0.09
7	Head	LTE Band7	21350	2560	50RB-High	Tilt Right	0mm	\	\	14.77	15.20	0.041	**0.045**	0.018	**0.020**	0.17
7	Head	LTE Band7	21350	2560	50RB-High	Cheek Left	0mm	\	ULCA	14.47	15.20	0.323	**0.382**	0.124	**0.147**	0.07
7	Body	LTE Band7	21350	2560	1RB-Low	Front	10mm	\	\	18.50	19.20	0.237	**0.278**	0.124	**0.146**	0.08
7	Body	LTE Band7	21350	2560	1RB-Low	Rear	10mm	\	\	18.50	19.20	0.162	**0.190**	0.087	**0.102**	0.11
7	Body	LTE Band7	21350	2560	1RB-Low	Right	10mm	\	\	18.50	19.20	0.733	**0.861**	0.329	**0.387**	0.05
7	Body	LTE Band7	21100	2535	1RB-High	Right	10mm	\	\	18.42	19.20	0.648	**0.775**	0.297	**0.355**	0.03
7	Body	LTE Band7	20850	2510	1RB-High	Right	10mm	\	\	18.33	19.20	0.614	**0.750**	0.279	**0.341**	0.13
7	Body	LTE Band7	21350	2560	1RB-Low	Top	10mm	\	\	18.50	19.20	0.045	**0.053**	0.021	**0.025**	0.10
7	Body	LTE Band7	21350	2560	50RB-Low	Front	10mm	\	\	18.51	19.20	0.248	**0.291**	0.129	**0.151**	-0.10
7	Body	LTE Band7	21350	2560	50RB-Low	Rear	10mm	\	\	18.51	19.20	0.188	**0.220**	0.097	**0.114**	0.19
7	Body	LTE Band7	21350	2560	50RB-Low	Right	10mm	FIG A.12	\	18.51	19.20	0.740	0.867	0.333	**0.390**	-0.05
7	Body	LTE Band7	21100	2535	50RB-Low	Right	10mm	\	\	18.38	19.20	0.656	**0.792**	0.302	**0.365**	-0.02
7	Body	LTE Band7	20850	2510	50RB-Low	Right	10mm	\	\	18.23	19.20	0.619	**0.774**	0.284	**0.355**	-0.05
7	Body	LTE Band7	21350	2560	50RB-Low	Top	10mm	\	\	18.51	19.20	0.049	**0.057**	0.025	**0.029**	0.03
7	Body	LTE Band7	21350	2560	100RB	Right	10mm	\	\	18.50	19.20	0.724	**0.851**	0.322	**0.378**	0.16
7	Body	LTE Band7	21350	2560	1RB-Low	Right	10mm	\	ULCA	18.04	19.20	0.649	**0.848**	0.296	**0.387**	0.11
4	Head	LTE Band7	21350	2560	1RB-Low	Cheek Left	0mm	\	\	15.17	15.80	0.170	**0.197**	0.082	**0.095**	-0.06
4	Head	LTE Band7	21350	2560	1RB-Low	Tilt Left	0mm	\	\	15.17	15.80	0.208	**0.240**	0.089	**0.103**	0.16
4	Head	LTE Band7	21350	2560	1RB-Low	Cheek Right	0mm	\	\	15.17	15.80	0.392	**0.453**	0.178	**0.206**	0.17
4	Head	LTE Band7	21350	2560	1RB-Low	Tilt Right	0mm	\	\	15.17	15.80	0.401	0.464	0.186	**0.215**	0.15
4	Head	LTE Band7	21350	2560	50RB-Low	Cheek Left	0mm	\	\	15.11	15.80	0.129	**0.151**	0.062	**0.073**	0.18
4	Head	LTE Band7	21350	2560	50RB-Low	Tilt Left	0mm	\	\	15.11	15.80	0.203	**0.238**	0.086	**0.101**	-0.13
4	Head	LTE Band7	21350	2560	50RB-Low	Cheek Right	0mm	\	\	15.11	15.80	0.347	**0.407**	0.159	**0.186**	0.16
4	Head	LTE Band7	21350	2560	50RB-Low	Tilt Right	0mm	\	\	15.11	15.80	0.395	**0.463**	0.182	**0.213**	0.10
4	Head	LTE Band7	21350	2560	1RB-Low	Tilt Right	0mm	\	ULCA	14.55	15.80	0.326	**0.435**	0.148	**0.197**	0.05
4	Body	LTE Band7	21350	2560	1RB-Low	Front	10mm	\	\	16.54	17.10	0.258	**0.294**	0.150	**0.171**	-0.07
4	Body	LTE Band7	21350	2560	1RB-Low	Rear	10mm	\	\	16.54	17.10	0.215	**0.245**	0.124	**0.141**	-0.02
4	Body	LTE Band7	21350	2560	1RB-Low	Left	10mm	\	\	16.54	17.10	0.185	**0.210**	0.091	**0.104**	0.14
4	Body	LTE Band7	21350	2560	1RB-Low	Top	10mm	\	\	16.54	17.10	0.571	**0.650**	0.286	**0.325**	0.19
4	Body	LTE Band7	21350	2560	50RB-Low	Front	10mm	\	\	16.44	17.10	0.255	**0.297**	0.147	**0.171**	0.04
4	Body	LTE Band7	21350	2560	50RB-Low	Rear	10mm	\	\	16.44	17.10	0.223	**0.260**	0.124	**0.144**	0.02
4	Body	LTE Band7	21350	2560	50RB-Low	Left	10mm	\	\	16.44	17.10	0.200	**0.233**	0.098	**0.114**	-0.06
4	Body	LTE Band7	21350	2560	50RB-Low	Top	10mm	\	\	16.44	17.10	0.576	0.671	0.289	**0.336**	0.04
4	Body	LTE Band7	21350	2560	1RB-Low	Top	10mm	\	ULCA	15.88	17.10	0.477	**0.632**	0.222	**0.294**	0.15

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	1	Head	LTE Band12	23060	704	1RB-Low	Cheek Left	0mm	\	Note1	21.46	22.20	0.568	**0.674**	0.312	**0.370**	-0.05
0	1	Head	LTE Band12	23060	704	1RB-Low	Tilt Left	0mm	\	Note1	21.46	22.20	0.082	**0.097**	0.059	**0.070**	0.14
0	1	Head	LTE Band12	23060	704	1RB-Low	Cheek Right	0mm	\	Note1	21.46	22.20	0.304	**0.360**	0.193	**0.229**	0.16
0	1	Head	LTE Band12	23060	704	1RB-Low	Tilt Right	0mm	\	Note1	21.46	22.20	0.070	**0.083**	0.049	**0.058**	-0.01
0	1	Head	LTE Band12	23130	711	25RB-Middle	Cheek Left	0mm	FIG A.13	Note1	21.39	22.20	0.865	**1.042**	0.470	**0.566**	0.06
0	1	Head	LTE Band12	23095	707.5	25RB-Middle	Cheek Left	0mm	\	Note1	21.36	22.20	0.859	**1.042**	0.449	**0.545**	0.14
0	1	Head	LTE Band12	23060	704	25RB-Middle	Cheek Left	0mm	\	Note1	21.45	22.20	0.800	**0.951**	0.427	**0.507**	0.01
0	1	Head	LTE Band12	23060	704	25RB-Middle	Tilt Left	0mm	\	Note1	21.45	22.20	0.106	**0.126**	0.081	**0.096**	0.11
0	1	Head	LTE Band12	23060	704	25RB-Middle	Cheek Right	0mm	\	Note1	21.45	22.20	0.338	**0.402**	0.218	**0.259**	0.13
0	1	Head	LTE Band12	23060	704	25RB-Middle	Tilt Right	0mm	\	Note1	21.45	22.20	0.085	**0.101**	0.063	**0.075**	0.13
0	1	Head	LTE Band12	23130	711	50RB	Cheek Left	0mm	\	Note1	21.39	22.20	0.755	**0.910**	0.397	**0.478**	0.09
0	4	Head	LTE Band12	23060	704	1RB-Low	Cheek Left	0mm	\	Note2	20.40	21.10	0.381	**0.448**	0.207	**0.243**	0.09
0	4	Head	LTE Band12	23060	704	1RB-Low	Tilt Left	0mm	\	Note2	20.40	21.10	0.055	**0.065**	0.039	**0.046**	0.14
0	4	Head	LTE Band12	23060	704	1RB-Low	Cheek Right	0mm	\	Note2	20.40	21.10	0.204	**0.240**	0.128	**0.150**	0.17
0	4	Head	LTE Band12	23060	704	1RB-Low	Tilt Right	0mm	\	Note2	20.40	21.10	0.047	**0.055**	0.032	**0.038**	-0.04
0	4	Head	LTE Band12	23060	704	25RB-Middle	Cheek Left	0mm	\	Note2	20.38	21.10	0.537	**0.634**	0.283	**0.334**	0.18
0	4	Head	LTE Band12	23060	704	25RB-Middle	Tilt Left	0mm	\	Note2	20.38	21.10	0.071	**0.084**	0.054	**0.064**	-0.14
0	4	Head	LTE Band12	23060	704	25RB-Middle	Cheek Right	0mm	\	Note2	20.38	21.10	0.227	**0.268**	0.144	**0.170**	-0.02
0	4	Head	LTE Band12	23060	704	25RB-Middle	Tilt Right	0mm	\	Note2	20.38	21.10	0.057	**0.067**	0.042	**0.050**	-0.03
0	1	Body	LTE Band12	23060	704	1RB-Low	Front	10mm	\	\	21.46	22.20	0.286	**0.339**	0.181	**0.215**	-0.11
0	1	Body	LTE Band12	23060	704	1RB-Low	Rear	10mm	\	\	21.46	22.20	0.269	**0.319**	0.177	**0.210**	0.05
0	1	Body	LTE Band12	23130	711	1RB-Low	Rear	10mm	\	\	21.41	22.20	0.722	**0.866**	0.431	**0.517**	0.11
0	1	Body	LTE Band12	23095	707.5	1RB-Low	Rear	10mm	\	\	21.43	22.20	0.671	**0.801**	0.402	**0.480**	-0.09
0	1	Body	LTE Band12	23060	704	1RB-Low	Left	10mm	\	\	21.46	22.20	0.727	**0.862**	0.439	**0.521**	-0.06
0	1	Body	LTE Band12	23060	704	25RB-Middle	Front	10mm	\	\	21.45	22.20	0.363	**0.431**	0.229	**0.272**	0.11
0	1	Body	LTE Band12	23060	704	25RB-Middle	Rear	10mm	\	\	21.45	22.20	0.321	**0.382**	0.210	**0.250**	0.18
0	1	Body	LTE Band12	23130	711	25RB-Middle	Left	0mm	\	\	21.39	22.20	0.771	**0.929**	0.457	**0.551**	0.17
0	1	Body	LTE Band12	23095	707.5	25RB-Middle	Left	0mm	\	\	21.36	22.20	0.733	**0.889**	0.436	**0.529**	-0.13
0	1	Body	LTE Band12	23060	704	25RB-Middle	Left	10mm	FIG A.14	\	21.45	22.20	0.794	**0.944**	0.476	**0.566**	-0.07
0	1	Body	LTE Band12	23130	711	50RB	Rear	10mm	\	\	21.39	22.20	0.716	**0.863**	0.426	**0.513**	-0.09
1	2	Head	LTE Band12	23060	704	1RB-Low	Cheek Left	0mm	\	\	24.05	24.60	0.077	**0.087**	0.061	**0.069**	-0.07
1	2	Head	LTE Band12	23060	704	1RB-Low	Tilt Left	0mm	\	\	24.05	24.60	0.041	**0.047**	0.022	**0.025**	-0.18
1	2	Head	LTE Band12	23060	704	1RB-Low	Cheek Right	0mm	\	\	24.05	24.60	0.080	**0.091**	0.064	**0.073**	0.12
1	2	Head	LTE Band12	23060	704	1RB-Low	Tilt Right	0mm	\	\	24.05	24.60	0.043	**0.049**	0.023	**0.026**	-0.09
1	2	Head	LTE Band12	23060	704	25RB-Middle	Cheek Left	0mm	\	\	23.02	23.60	0.070	**0.080**	0.055	**0.063**	0.01
1	2	Head	LTE Band12	23060	704	25RB-Middle	Tilt Left	0mm	\	\	23.02	23.60	0.038	**0.043**	0.020	**0.023**	0.16
1	2	Head	LTE Band12	23060	704	25RB-Middle	Cheek Right	0mm	\	\	23.02	23.60	0.068	**0.078**	0.054	**0.062**	-0.13
1	2	Head	LTE Band12	23060	704	25RB-Middle	Tilt Right	0mm	\	\	23.02	23.60	0.036	**0.041**	0.018	**0.021**	0.08
1	1	Body	LTE Band12	23060	704	1RB-Low	Front	10mm	\	\	24.05	24.60	0.208	**0.236**	0.120	**0.136**	0.11
1	1	Body	LTE Band12	23060	704	1RB-Low	Rear	10mm	\	\	24.05	24.60	0.261	**0.296**	0.150	**0.170**	-0.02
1	1	Body	LTE Band12	23060	704	1RB-Low	Left	10mm	\	\	24.05	24.60	0.142	**0.161**	0.068	**0.077**	-0.16
1	1	Body	LTE Band12	23060	704	1RB-Low	Bottom	10mm	\	\	24.05	24.60	0.189	**0.215**	0.081	**0.092**	0.02
1	1	Body	LTE Band12	23060	704	25RB-Middle	Front	10mm	\	\	23.02	23.60	0.183	**0.209**	0.104	**0.119**	0.15
1	1	Body	LTE Band12	23060	704	25RB-Middle	Rear	10mm	\	\	23.02	23.60	0.198	**0.226**	0.102	**0.117**	0.00
1	1	Body	LTE Band12	23060	704	25RB-Middle	Left	10mm	\	\	23.02	23.60	0.169	**0.193**	0.082	**0.094**	-0.09
1	1	Body	LTE Band12	23060	704	25RB-Middle	Bottom	10mm	\	\	23.02	23.60	0.156	**0.178**	0.070	**0.080**	0.03
0	1	Head	LTE Band13	23230	782	1RB-Low	Cheek Left	0mm	FIG A.15	\	21.72	22.50	0.498	**0.596**	0.273	**0.327**	0.18
0	1	Head	LTE Band13	23230	782	1RB-Low	Tilt Left	0mm	\	\	21.72	22.50	0.064	**0.077**	0.044	**0.053**	0.12
0	1	Head	LTE Band13	23230	782	1RB-Low	Cheek Right	0mm	\	\	21.72	22.50	0.240	**0.287**	0.156	**0.187**	-0.19
0	1	Head	LTE Band13	23230	782	1RB-Low	Tilt Right	0mm	\	\	21.72	22.50	0.031	**0.037**	0.011	**0.013**	-0.15
0	1	Head	LTE Band13	23230	782	25RB-Low	Cheek Left	0mm	\	\	21.59	22.50	0.483	**0.596**	0.265	**0.327**	-0.13
0	1	Head	LTE Band13	23230	782	25RB-Low	Tilt Left	0mm	\	\	21.59	22.50	0.061	**0.075**	0.044	**0.054**	-0.07
0	1	Head	LTE Band13	23230	782	25RB-Low	Cheek Right	0mm	\	\	21.59	22.50	0.237	**0.292**	0.154	**0.190**	0.10
0	1	Head	LTE Band13	23230	782	25RB-Low	Tilt Right	0mm	\	\	21.59	22.50	0.036	**0.044**	0.013	**0.016**	0.09
0	1	Body	LTE Band13	23230	782	1RB-Low	Front	10mm	\	\	21.72	22.50	0.278	**0.333**	0.175	**0.209**	0.10
0	1	Body	LTE Band13	23230	782	1RB-Low	Rear	10mm	\	\	21.72	22.50	0.258	**0.309**	0.169	**0.202**	0.10
0	1	Body	LTE Band13	23230	782	1RB-Low	Left	10mm	\	\	21.72	22.50	0.669	**0.801**	0.404	**0.483**	0.14
0	1	Body	LTE Band13	23230	782	25RB-Low	Front	10mm	\	\	21.59	22.50	0.291	**0.359**	0.184	**0.227**	0.08
0	1	Body	LTE Band13	23230	782	25RB-Low	Rear	10mm	\	\	21.59	22.50	0.258	**0.318**	0.166	**0.205**	-0.03
0	1	Body	LTE Band13	23230	782	25RB-Low	Left	10mm	FIG A.16	\	21.59	22.50	0.687	**0.847**	0.410	**0.506**	0.01
0	1	Body	LTE Band13	23230	782	50RB	Left	10mm	\	\	21.54	22.50	0.645	**0.805**	0.392	**0.489**	0.17
1	2	Head	LTE Band13	23230	782	1RB-Low	Cheek Left	0mm	\	\	23.60	24.80	0.020	**0.026**	0.014	**0.018**	0.12
1	2	Head	LTE Band13	23230	782	1RB-Low	Tilt Left	0mm	\	\	23.60	24.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	2	Head	LTE Band13	23230	782	1RB-Low	Cheek Right	0mm	\	\	23.60	24.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	2	Head	LTE Band13	23230	782	1RB-Low	Tilt Right	0mm	\	\	23.60	24.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	2	Head	LTE Band13	23230	782	25RB-Low	Cheek Left	0mm	\	\	22.59	23.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	2	Head	LTE Band13	23230	782	25RB-Low	Tilt Left	0mm	\	\	22.59	23.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	2	Head	LTE Band13	23230	782	25RB-Low	Cheek Right	0mm	\	\	22.59	23.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	2	Head	LTE Band13	23230	782	25RB-Low	Tilt Right	0mm	\	\	22.59	23.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	1	Body	LTE Band13	23230	782	1RB-Low	Front	10mm	\	\	23.60	24.80	0.133	**0.175**	0.085	**0.112**	0.06
1	1	Body	LTE Band13	23230	782	1RB-Low	Rear	10mm	\	\	23.60	24.80	0.175	**0.231**	0.111	**0.146**	0.02
1	1	Body	LTE Band13	23230	782	1RB-Low	Left	10mm	\	\	23.60	24.80	0.120	**0.158**	0.069	**0.091**	-0.08
1	1	Body	LTE Band13	23230	782	1RB-Low	Bottom	10mm	\	\	23.60	24.80	0.123	**0.162**	0.063	**0.083**	0.07
1	1	Body	LTE Band13	23230	782	25RB-Low	Front	10mm	\	\	22.59	23.80	0.123	**0.163**	0.079	**0.104**	0.12
1	1	Body	LTE Band13	23230	782	25RB-Low	Rear	10mm	\	\	22.59	23.80	0.164	**0.217**	0.108	**0.143**	-0.13
1	1	Body	LTE Band13	23230	782	25RB-Low	Left	10mm	\	\	22.59	23.80	0.081	**0.107**	0.042	**0.055**	-0.07
1	1	Body	LTE Band13	23230	782	25RB-Low	Bottom	10mm	\	\	22.59	23.80	0.113	**0.149**	0.057	**0.075**	0.13

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	LTE Band25	26590	1905	1RB-Middle	Cheek Left	0mm	\	\	23.38	24.50	0.073	**0.094**	0.043	**0.056**	0.07
5	Head	LTE Band25	26590	1905	1RB-Middle	Tilt Left	0mm	\	\	23.38	24.50	0.043	**0.056**	0.027	**0.035**	0.04
5	Head	LTE Band25	26590	1905	1RB-Middle	Cheek Right	0mm	\	\	23.38	24.50	0.080	**0.104**	0.049	**0.063**	0.07
5	Head	LTE Band25	26590	1905	1RB-Middle	Tilt Right	0mm	\	\	23.38	24.50	0.071	**0.092**	0.041	**0.053**	0.01
5	Head	LTE Band25	26590	1905	50RB-High	Cheek Left	0mm	\	\	22.25	23.50	0.059	**0.079**	0.034	**0.045**	-0.07
5	Head	LTE Band25	26590	1905	50RB-High	Tilt Left	0mm	\	\	22.25	23.50	0.040	**0.053**	0.025	**0.033**	-0.04
5	Head	LTE Band25	26590	1905	50RB-High	Cheek Right	0mm	\	\	22.25	23.50	0.065	**0.087**	0.040	**0.053**	0.03
5	Head	LTE Band25	26590	1905	50RB-High	Tilt Right	0mm	\	\	22.25	23.50	0.048	**0.064**	0.029	**0.039**	-0.01
5	Body	LTE Band25	26590	1905	1RB-Middle	Front	10mm	\	\	18.45	18.50	0.185	**0.187**	0.107	**0.108**	-0.05
5	Body	LTE Band25	26590	1905	1RB-Middle	Rear	10mm	\	\	18.45	18.50	0.269	**0.272**	0.158	**0.160**	-0.05
5	Body	LTE Band25	26590	1905	1RB-Middle	Right	10mm	\	\	18.45	18.50	0.081	**0.082**	0.043	**0.043**	0.12
5	Body	LTE Band25	26590	1905	1RB-Middle	Bottom	10mm	FIG A.18	\	18.45	18.50	0.526	**0.532**	0.284	**0.287**	0..04
5	Body	LTE Band25	26590	1905	50RB-High	Front	10mm	\	\	18.34	18.50	0.182	**0.189**	0.106	**0.110**	0.17
5	Body	LTE Band25	26590	1905	50RB-High	Rear	10mm	\	\	18.34	18.50	0.262	**0.272**	0.154	**0.160**	0.12
5	Body	LTE Band25	26590	1905	50RB-High	Right	10mm	\	\	18.34	18.50	0.068	**0.071**	0.039	**0.040**	-0.18
5	Body	LTE Band25	26590	1905	50RB-High	Bottom	10mm	\	\	18.34	18.50	0.390	**0.405**	0.207	**0.215**	-0.03
6	Head	LTE Band25	26590	1905	1RB-Middle	Cheek Left	0mm	\	\	13.88	14.20	0.105	**0.113**	0.055	**0.059**	0.02
6	Head	LTE Band25	26590	1905	1RB-Middle	Tilt Left	0mm	\	\	13.88	14.20	0.058	**0.062**	0.029	**0.031**	0.16
6	Head	LTE Band25	26590	1905	1RB-Middle	Cheek Right	0mm	FIG A.17	\	13.88	14.20	0.319	**0.343**	0.141	**0.152**	0.06
6	Head	LTE Band25	26590	1905	1RB-Middle	Tilt Right	0mm	\	\	13.88	14.20	0.059	**0.064**	0.030	**0.032**	0.17
6	Head	LTE Band25	26590	1905	50RB-High	Cheek Left	0mm	\	\	13.72	14.20	0.114	**0.127**	0.057	**0.064**	0.13
6	Head	LTE Band25	26590	1905	50RB-High	Tilt Left	0mm	\	\	13.72	14.20	0.046	**0.051**	0.026	**0.029**	0.03
6	Head	LTE Band25	26590	1905	50RB-High	Cheek Right	0mm	\	\	13.72	14.20	0.294	**0.328**	0.134	**0.150**	0.15
6	Head	LTE Band25	26590	1905	50RB-High	Tilt Right	0mm	\	\	13.72	14.20	0.053	**0.059**	0.028	**0.031**	-0.16
6	Body	LTE Band25	26590	1905	1RB-Middle	Front	10mm	\	\	16.41	16.80	0.092	**0.101**	0.048	**0.053**	0.17
6	Body	LTE Band25	26590	1905	1RB-Middle	Rear	10mm	\	\	16.41	16.80	0.075	**0.082**	0.041	**0.045**	-0.16
6	Body	LTE Band25	26590	1905	1RB-Middle	Left	10mm	\	\	16.41	16.80	0.254	**0.278**	0.123	**0.135**	-0.13
6	Body	LTE Band25	26590	1905	1RB-Middle	Top	10mm	\	\	16.41	16.80	0.035	**0.038**	0.016	**0.018**	0.03
6	Body	LTE Band25	26590	1905	50RB-High	Front	10mm	\	\	16.34	16.80	0.093	**0.103**	0.048	**0.053**	0.18
6	Body	LTE Band25	26590	1905	50RB-High	Rear	10mm	\	\	16.34	16.80	0.071	**0.079**	0.039	**0.043**	0.03
6	Body	LTE Band25	26590	1905	50RB-High	Left	10mm	\	\	16.34	16.80	0.257	**0.286**	0.128	**0.142**	-0.16
6	Body	LTE Band25	26590	1905	50RB-High	Top	10mm	\	\	16.34	16.80	0.039	**0.043**	0.017	**0.019**	-0.04
0	Head	LTE Band26	26865	841.5	1RB-Low	Cheek Left	0mm	\	Note1	22.69	23.60	0.738	**0.910**	0.416	**0.513**	0.04
0	Head	LTE Band26	26865	831.5	1RB-Low	Cheek Left	0mm	FIG A.19	Note1	22.62	23.60	0.782	**0.980**	0.425	**0.533**	-0.11
0	Head	LTE Band26	26865	822.5	1RB-Low	Cheek Left	0mm	\	Note1	22.73	23.60	0.696	**0.850**	0.392	**0.479**	-0.01
0	Head	LTE Band26	26865	822.5	1RB-Low	Tilt Left	0mm	\	Note1	22.73	23.60	0.107	**0.131**	0.073	**0.089**	-0.19
0	Head	LTE Band26	26865	822.5	1RB-Low	Cheek Right	0mm	\	Note1	22.73	23.60	0.465	**0.568**	0.277	**0.338**	0.18
0	Head	LTE Band26	26865	822.5	1RB-Low	Tilt Right	0mm	\	Note1	22.73	23.60	0.122	**0.149**	0.080	**0.098**	0.04
0	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	\	Note1	22.68	23.60	0.532	**0.658**	0.280	**0.346**	-0.01
0	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Left	0mm	\	Note1	22.68	23.60	0.086	**0.106**	0.057	**0.070**	0.13
0	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Right	0mm	\	Note1	22.68	23.60	0.353	**0.436**	0.209	**0.258**	-0.01
0	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Right	0mm	\	Note1	22.68	23.60	0.093	**0.115**	0.061	**0.075**	0.04
0	Head	LTE Band26	26775	822.5	75RB	Cheek Left	0mm	\	Note1	22.65	23.60	0.517	**0.643**	0.271	**0.337**	-0.09
0	Head	LTE Band26	26865	822.5	1RB-Low	Cheek Left	0mm	\	Note2	21.73	22.60	0.650	**0.794**	0.362	**0.442**	0.15
0	Head	LTE Band26	26865	822.5	1RB-Low	Tilt Left	0mm	\	Note2	21.73	22.60	0.100	**0.122**	0.067	**0.082**	-0.12
0	Head	LTE Band26	26865	822.5	1RB-Low	Cheek Right	0mm	\	Note2	21.73	22.60	0.434	**0.530**	0.256	**0.313**	-0.18
0	Head	LTE Band26	26865	822.5	1RB-Low	Tilt Right	0mm	\	Note2	21.73	22.60	0.114	**0.139**	0.074	**0.090**	0.12
0	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	\	Note2	21.72	22.60	0.497	**0.609**	0.259	**0.317**	-0.02
0	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Left	0mm	\	Note2	21.72	22.60	0.080	**0.098**	0.053	**0.065**	0.08
0	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Right	0mm	\	Note2	21.72	22.60	0.330	**0.404**	0.193	**0.236**	0.09
0	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Right	0mm	\	Note2	21.72	22.60	0.087	**0.107**	0.056	**0.069**	-0.06
0	Body	LTE Band26	26775	822.5	1RB-Low	Front	10mm	\	Note1	22.73	23.60	0.469	**0.573**	0.294	**0.359**	-0.12
0	Body	LTE Band26	26775	822.5	1RB-Low	Rear	10mm	\	Note1	22.73	23.60	0.447	**0.546**	0.275	**0.336**	0.11
0	Body	LTE Band26	26865	841.5	1RB-Low	Left	10mm	FIG A.20	Note1	22.69	23.60	0.953	**1.175**	0.557	**0.687**	-0.14
0	Body	LTE Band26	26865	831.5	1RB-Low	Left	10mm	\	Note1	22.62	23.60	0.916	**1.148**	0.536	**0.672**	0.15
0	Body	LTE Band26	26775	822.5	1RB-Low	Left	10mm	\	Note1	22.73	23.60	0.846	**1.034**	0.492	**0.601**	-0.16
0	Body	LTE Band26	26775	822.5	36RB-Low	Front	10mm	\	Note1	22.68	23.60	0.360	**0.445**	0.223	**0.276**	0.19
0	Body	LTE Band26	26775	822.5	36RB-Low	Rear	10mm	\	Note1	22.68	23.60	0.326	**0.403**	0.201	**0.248**	0.08
0	Body	LTE Band26	26865	841.5	36RB-Low	Left	10mm	\	Note1	22.56	23.60	0.778	**0.989**	0.452	**0.574**	0.03
0	Body	LTE Band26	26865	831.5	36RB-Low	Left	10mm	\	Note1	22.62	23.60	0.748	**0.937**	0.435	**0.545**	0.15
0	Body	LTE Band26	26775	822.5	36RB-Low	Left	10mm	\	Note1	22.68	23.60	0.691	**0.854**	0.399	**0.493**	0.17
0	Body	LTE Band26	26775	822.5	75RB	Left	10mm	\	Note1	22.65	23.60	0.676	**0.841**	0.392	**0.488**	0.05
0	Body	LTE Band26	26775	822.5	1RB-Low	Front	10mm	\	Note2	20.64	21.60	0.279	**0.348**	0.175	**0.218**	-0.11
0	Body	LTE Band26	26775	822.5	1RB-Low	Rear	10mm	\	Note2	20.64	21.60	0.266	**0.332**	0.164	**0.205**	-0.05
0	Body	LTE Band26	26775	822.5	1RB-Low	Left	10mm	\	Note2	20.64	21.60	0.503	**0.627**	0.293	**0.365**	0.18
0	Body	LTE Band26	26775	822.5	36RB-Low	Front	10mm	\	Note2	20.61	21.60	0.214	**0.269**	0.133	**0.167**	0.14
0	Body	LTE Band26	26775	822.5	36RB-Low	Rear	10mm	\	Note2	20.61	21.60	0.194	**0.244**	0.120	**0.151**	-0.19
0	Body	LTE Band26	26775	822.5	36RB-Low	Left	10mm	\	Note2	20.61	21.60	0.411	**0.516**	0.238	**0.299**	0.10
1	Head	LTE Band26	26865	831.5	1RB-Low	Cheek Left	0mm	\	\	24.27	25.00	0.040	**0.047**	0.032	**0.038**	-0.02
1	Head	LTE Band26	26865	831.5	1RB-Low	Tilt Left	0mm	\	\	24.27	25.00	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	LTE Band26	26865	831.5	1RB-Low	Cheek Right	0mm	\	\	24.27	25.00	0.087	**0.103**	0.068	**0.080**	0.09
1	Head	LTE Band26	26865	831.5	1RB-Low	Tilt Right	0mm	\	\	24.27	25.00	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	LTE Band26	26775	822.5	36RB-Middle	Cheek Left	0mm	\	\	23.12	24.00	0.036	**0.044**	0.027	**0.033**	-0.17
1	Head	LTE Band26	26775	822.5	36RB-Middle	Tilt Left	0mm	\	\	23.12	24.00	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	LTE Band26	26775	822.5	36RB-Middle	Cheek Right	0mm	\	\	23.12	24.00	0.052	**0.064**	0.040	**0.049**	0.17
1	Head	LTE Band26	26775	822.5	36RB-Middle	Tilt Right	0mm	\	\	23.12	23.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	Body	LTE Band26	26865	831.5	1RB-Low	Front	10mm	\	\	24.27	25.00	0.299	**0.354**	0.208	**0.246**	-0.07
1	Body	LTE Band26	26865	831.5	1RB-Low	Rear	10mm	\	\	24.27	25.00	0.381	**0.451**	0.250	**0.296**	-0.13
1	Body	LTE Band26	26865	831.5	1RB-Low	Left	10mm	\	\	24.27	25.00	0.266	**0.315**	0.144	**0.170**	0.06
1	Body	LTE Band26	26865	831.5	1RB-Low	Bottom	10mm	\	\	24.27	25.00	0.305	**0.361**	0.169	**0.200**	-0.04
1	Body	LTE Band26	26775	822.5	36RB-Middle	Front	10mm	\	\	23.12	24.00	0.233	**0.285**	0.157	**0.192**	-0.19
1	Body	LTE Band26	26775	822.5	36RB-Middle	Rear	10mm	\	\	23.12	24.00	0.286	**0.350**	0.195	**0.239**	-0.08
1	Body	LTE Band26	26775	822.5	36RB-Middle	Left	10mm	\	\	23.12	24.00	0.206	**0.252**	0.113	**0.138**	-0.04
1	Body	LTE Band26	26775	822.5	36RB-Middle	Bottom	10mm	\	\	23.12	24.00	0.243	**0.298**	0.133	**0.163**	0.02

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	LTE Band38	38000	2595	1RB-Low	Cheek Left	0mm	\	\	24.09	25.00	0.053	**0.065**	0.031	**0.038**	0.02
5	Head	LTE Band38	38000	2595	1RB-Low	Tilt Left	0mm	\	\	24.09	25.00	0.034	**0.042**	0.014	**0.017**	-0.09
5	Head	LTE Band38	38000	2595	1RB-Low	Cheek Right	0mm	\	\	24.09	25.00	0.066	0.081	0.035	**0.043**	0.11
5	Head	LTE Band38	38000	2595	1RB-Low	Tilt Right	0mm	\	\	24.09	25.00	0.036	**0.044**	0.015	**0.018**	-0.05
5	Head	LTE Band38	38000	2595	50RB-Low	Cheek Left	0mm	\	\	23.32	24.00	0.041	**0.048**	0.023	**0.027**	0.00
5	Head	LTE Band38	38000	2595	50RB-Low	Tilt Left	0mm	\	\	23.32	24.00	0.031	**0.036**	0.012	**0.014**	-0.01
5	Head	LTE Band38	38000	2595	50RB-Low	Cheek Right	0mm	\	\	23.32	24.00	0.062	**0.073**	0.033	**0.039**	0.13
5	Head	LTE Band38	38000	2595	50RB-Low	Tilt Right	0mm	\	\	23.32	24.00	0.035	**0.041**	0.015	**0.018**	-0.07
5	Head	LTE Band38	38150	2610	1RB-Low	Cheek Right	0mm	\	ULCA	23.75	25.00	0.058	**0.077**	0.031	**0.041**	0.15
5	Body	LTE Band38	38000	2595	1RB-Low	Front	10mm	\	\	20.15	21.10	0.145	**0.180**	0.070	**0.087**	-0.17
5	Body	LTE Band38	38000	2595	1RB-Low	Rear	10mm	\	\	20.15	21.10	0.260	**0.324**	0.116	**0.144**	0.02
5	Body	LTE Band38	38000	2595	1RB-Low	Right	10mm	\	\	20.15	21.10	0.056	**0.070**	0.027	**0.034**	-0.18
5	Body	LTE Band38	38000	2595	1RB-Low	Bottom	10mm	\	\	20.15	21.10	0.371	**0.462**	0.165	**0.205**	-0.16
5	Body	LTE Band38	38000	2595	50RB-Low	Front	10mm	\	\	20.12	21.10	0.145	**0.182**	0.070	**0.088**	0.05
5	Body	LTE Band38	38000	2595	50RB-Low	Rear	10mm	\	\	20.12	21.10	0.247	**0.310**	0.112	**0.140**	-0.14
5	Body	LTE Band38	38000	2595	50RB-Low	Right	10mm	\	\	20.12	21.10	0.050	**0.063**	0.026	**0.033**	0.03
5	Body	LTE Band38	38000	2595	50RB-Low	Bottom	10mm	\	\	20.12	21.10	0.386	0.484	0.176	**0.221**	0.08
5	Body	LTE Band38	38150	2610	1RB-Low	Bottom	10mm	\	ULCA	19.88	21.10	0.336	**0.445**	0.134	**0.177**	0.18
6	Head	LTE Band38	38000	2595	1RB-Low	Cheek Left	0mm	\	\	16.02	17.70	0.129	**0.190**	0.059	**0.087**	-0.14
6	Head	LTE Band38	38000	2595	1RB-Low	Tilt Left	0mm	\	\	16.02	17.70	0.098	**0.144**	0.043	**0.063**	-0.09
6	Head	LTE Band38	38000	2595	1RB-Low	Cheek Right	0mm	\	\	16.02	17.70	0.307	0.452	0.121	**0.178**	-0.12
6	Head	LTE Band38	38000	2595	1RB-Low	Tilt Right	0mm	\	\	16.02	17.70	0.107	**0.158**	0.047	**0.069**	-0.06
6	Head	LTE Band38	38000	2595	50RB-Low	Cheek Left	0mm	\	\	16.03	17.70	0.142	**0.209**	0.062	**0.091**	0.16
6	Head	LTE Band38	38000	2595	50RB-Low	Tilt Left	0mm	\	\	16.03	17.70	0.090	**0.132**	0.038	**0.056**	0.02
6	Head	LTE Band38	38000	2595	50RB-Low	Cheek Right	0mm	\	\	16.03	17.70	0.320	**0.470**	0.128	**0.188**	0.04
6	Head	LTE Band38	38000	2595	50RB-Low	Tilt Right	0mm	\	\	16.03	17.70	0.111	**0.163**	0.048	**0.071**	0.15
6	Head	LTE Band38	38150	2610	1RB-High	Cheek Right	0mm	\	ULCA	15.92	17.70	0.269	**0.405**	0.104	**0.157**	0.08
6	Body	LTE Band38	38000	2595	1RB-Low	Front	10mm	\	\	19.16	20.30	0.130	**0.169**	0.061	**0.079**	0.05
6	Body	LTE Band38	38000	2595	1RB-Low	Rear	10mm	\	\	19.16	20.30	0.112	**0.146**	0.055	**0.072**	0.11
6	Body	LTE Band38	38000	2595	1RB-Low	Left	10mm	\	\	19.16	20.30	0.453	0.589	0.207	**0.269**	0.14
6	Body	LTE Band38	38000	2595	1RB-Low	Top	10mm	\	\	19.16	20.30	0.073	**0.095**	0.042	**0.055**	-0.08
6	Body	LTE Band38	38000	2595	50RB-Low	Front	10mm	\	\	19.25	20.30	0.135	**0.172**	0.067	**0.085**	0.05
6	Body	LTE Band38	38000	2595	50RB-Low	Rear	10mm	\	\	19.25	20.30	0.104	**0.132**	0.054	**0.069**	0.17
6	Body	LTE Band38	38000	2595	50RB-Low	Left	10mm	\	\	19.25	20.30	0.424	**0.540**	0.198	**0.252**	0.13
6	Body	LTE Band38	38000	2595	50RB-Low	Top	10mm	\	\	19.25	20.30	0.069	**0.088**	0.040	**0.051**	-0.10
6	Body	LTE Band38	38150	2610	1RB-High	Left	10mm	\	ULCA	18.73	20.30	0.408	**0.586**	0.177	**0.254**	0.03
7	Head	LTE Band38	37850	2580	1RB-Low	Cheek Left	0mm	\	\	16.74	17.30	0.483	0.549	0.189	**0.215**	0.01
7	Head	LTE Band38	37850	2580	1RB-Low	Tilt Left	0mm	\	\	16.74	17.30	0.100	**0.114**	0.043	**0.049**	0.16
7	Head	LTE Band38	37850	2580	1RB-Low	Cheek Right	0mm	\	\	16.74	17.30	0.284	**0.323**	0.140	**0.159**	-0.06
7	Head	LTE Band38	37850	2580	1RB-Low	Tilt Right	0mm	\	\	16.74	17.30	0.068	**0.077**	0.031	**0.035**	-0.14
7	Head	LTE Band38	37850	2580	50RB-Low	Cheek Left	0mm	\	\	16.63	17.30	0.382	**0.446**	0.136	**0.159**	0.19
7	Head	LTE Band38	37850	2580	50RB-Low	Tilt Left	0mm	\	\	16.63	17.30	0.135	**0.158**	0.049	**0.057**	-0.18
7	Head	LTE Band38	37850	2580	50RB-Low	Cheek Right	0mm	\	\	16.63	17.30	0.288	**0.336**	0.138	**0.161**	0.04
7	Head	LTE Band38	37850	2580	50RB-Low	Tilt Right	0mm	\	\	16.63	17.30	0.064	**0.075**	0.029	**0.034**	0.03
7	Head	LTE Band38	37850	2580	1RB-High	Cheek Left	0mm	\	ULCA	16.29	17.30	0.354	**0.447**	0.114	**0.144**	0.08
7	Body	LTE Band38	38000	2595	1RB-Low	Front	10mm	\	\	18.32	19.30	0.226	**0.283**	0.109	**0.137**	-0.14
7	Body	LTE Band38	38000	2595	1RB-Low	Rear	10mm	\	\	18.32	19.30	0.142	**0.178**	0.073	**0.091**	0.12
7	Body	LTE Band38	38000	2595	1RB-Low	Right	10mm	\	\	18.32	19.30	0.611	**0.766**	0.291	**0.365**	-0.03
7	Body	LTE Band38	38000	2595	1RB-Low	Top	10mm	\	\	18.32	19.30	0.042	**0.053**	0.018	**0.023**	0.07
7	Body	LTE Band38	38000	2595	50RB-Low	Front	10mm	\	\	18.27	19.30	0.212	**0.269**	0.104	**0.132**	-0.11
7	Body	LTE Band38	38000	2595	50RB-Low	Rear	10mm	\	\	18.27	19.30	0.140	**0.177**	0.073	**0.093**	0.06
7	Body	LTE Band38	38150	2610	50RB-Low	Right	10mm	\	\	18.18	19.30	0.683	**0.884**	0.301	**0.390**	-0.08
7	Body	LTE Band38	38000	2595	50RB-Low	Right	10mm	FIG A.22	\	18.27	19.30	0.697	0.884	0.313	**0.397**	0.03
7	Body	LTE Band38	37850	2580	50RB-Low	Right	10mm	\	\	18.24	19.30	0.691	**0.882**	0.311	**0.397**	-0.17
7	Body	LTE Band38	38000	2595	50RB-Low	Top	10mm	\	\	18.27	19.30	0.039	**0.049**	0.017	**0.022**	-0.09
7	Body	LTE Band38	38000	2595	100RB	Right	10mm	\	\	18.18	19.30	0.625	**0.809**	0.298	**0.386**	0.14
7	Body	LTE Band38	38150	2610	1RB-High	Right	10mm	\	ULCA	18.24	19.30	0.652	**0.832**	0.296	**0.378**	0.14
4	Head	LTE Band38	38000	2595	1RB-Low	Cheek Left	0mm	\	\	17.31	17.50	0.321	**0.335**	0.152	**0.159**	-0.13
4	Head	LTE Band38	38000	2595	1RB-Low	Tilt Left	0mm	\	\	17.31	17.50	0.443	**0.463**	0.207	**0.216**	0.02
4	Head	LTE Band38	38000	2595	1RB-Low	Cheek Right	0mm	\	\	17.31	17.50	0.460	**0.481**	0.230	**0.240**	-0.19
4	Head	LTE Band38	38000	2595	1RB-Low	Tilt Right	0mm	\	\	17.31	17.50	0.629	**0.657**	0.304	**0.318**	0.16
4	Head	LTE Band38	38000	2595	50RB-Low	Cheek Left	0mm	\	\	17.24	17.50	0.300	**0.319**	0.144	**0.153**	0.12
4	Head	LTE Band38	38000	2595	50RB-Low	Tilt Left	0mm	\	\	17.24	17.50	0.439	**0.466**	0.207	**0.220**	-0.01
4	Head	LTE Band38	38000	2595	50RB-Low	Cheek Right	0mm	\	\	17.24	17.50	0.502	**0.533**	0.250	**0.265**	0.16
4	Head	LTE Band38	38000	2595	50RB-Low	Tilt Right	0mm	FIG A.21	\	17.24	17.50	0.637	0.676	0.308	**0.327**	0.12
4	Head	LTE Band38	38150	2610	1RB-High	Tilt Right	0mm	\	ULCA	16.77	17.50	0.511	**0.605**	0.253	**0.299**	0.15
4	Body	LTE Band38	38000	2595	1RB-Low	Front	10mm	\	\	18.27	20.00	0.105	**0.156**	0.057	**0.085**	-0.07
4	Body	LTE Band38	38000	2595	1RB-Low	Rear	10mm	\	\	18.27	20.00	0.085	**0.127**	0.050	**0.074**	0.08
4	Body	LTE Band38	38000	2595	1RB-Low	Left	10mm	\	\	18.27	20.00	0.036	**0.054**	0.018	**0.027**	-0.11
4	Body	LTE Band38	38000	2595	1RB-Low	Top	10mm	\	\	18.27	20.00	0.332	0.494	0.164	**0.244**	0.05
4	Body	LTE Band38	38000	2595	50RB-Low	Front	10mm	\	\	18.21	20.00	0.092	**0.139**	0.052	**0.079**	-0.08
4	Body	LTE Band38	38000	2595	50RB-Low	Rear	10mm	\	\	18.21	20.00	0.083	**0.125**	0.046	**0.069**	0.14
4	Body	LTE Band38	38000	2595	50RB-Low	Left	10mm	\	\	18.21	20.00	0.035	**0.053**	0.017	**0.026**	0.16
4	Body	LTE Band38	38000	2595	50RB-Low	Top	10mm	\	\	18.21	20.00	0.327	**0.494**	0.160	**0.242**	0.11
4	Body	LTE Band38	38150	2610	1RB-High	Top	10mm	\	ULCA	18.14	20.00	0.306	**0.470**	0.155	**0.238**	0.19

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	LTE Band41 PC2	40620	2593	1RB-Low	Cheek Left	0mm	\	\	26.17	26.80	0.032	**0.037**	0.018	**0.021**	0.04
5	Head	LTE Band41 PC2	40620	2593	1RB-Low	Tilt Left	0mm	\	\	26.17	26.80	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	LTE Band41 PC2	40620	2593	1RB-Low	Cheek Right	0mm	\	\	26.17	26.80	0.051	**0.059**	0.026	**0.030**	-0.07
5	Head	LTE Band41 PC2	40620	2593	1RB-Low	Tilt Right	0mm	\	\	26.17	26.80	0.021	**0.024**	0.011	**0.013**	-0.04
5	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Left	0mm	\	\	25.22	26.80	0.033	**0.047**	0.019	**0.027**	-0.06
5	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Left	0mm	\	\	25.22	26.80	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Right	0mm	\	\	25.22	26.80	0.056	0.081	0.029	**0.042**	0.14
5	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Right	0mm	\	\	25.22	26.80	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	LTE Band41 PC2	40620	2593	1RB-Low	Front	10mm	\		19.96	21.00	0.167	**0.212**	0.084	**0.107**	-0.09
5	Body	LTE Band41 PC2	40620	2593	1RB-Low	Rear	10mm	\	\	19.96	21.00	0.302	**0.384**	0.138	**0.175**	-0.02
5	Body	LTE Band41 PC2	40620	2593	1RB-Low	Right	10mm	\	\	19.96	21.00	0.061	**0.078**	0.032	**0.041**	0.09
5	Body	LTE Band41 PC2	40620	2593	1RB-Low	Bottom	10mm	\	\	19.96	21.00	0.333	**0.423**	0.214	**0.272**	-0.04
5	Body	LTE Band41 PC2	40620	2593	50RB-Low	Front	10mm	\	\	19.95	21.00	0.172	**0.219**	0.086	**0.110**	-0.03
5	Body	LTE Band41 PC2	40620	2593	50RB-Low	Rear	10mm	\	\	19.95	21.00	0.297	**0.378**	0.138	**0.176**	-0.01
5	Body	LTE Band41 PC2	40620	2593	50RB-Low	Right	10mm	\	\	19.95	21.00	0.056	**0.071**	0.030	**0.038**	0.11
5	Body	LTE Band41 PC2	40620	2593	50RB-Low	Bottom	10mm	\	\	19.95	21.00	0.478	0.609	0.221	**0.281**	-0.11
6	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Cheek Left	0mm	\	\	18.89	20.30	0.303	**0.419**	0.135	**0.187**	0.12
6	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Tilt Left	0mm	\	\	18.89	20.30	0.073	**0.101**	0.036	**0.050**	0.09
6	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Cheek Right	0mm	\	\	18.89	20.30	0.548	**0.758**	0.200	**0.277**	-0.11
6	Head	LTE Band41 PC2	40620	2593	1RB-Middle	Tilt Right	0mm	\	\	18.89	20.30	0.122	**0.169**	0.058	**0.080**	0.10
6	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Left	0mm	\	\	18.90	20.30	0.372	**0.514**	0.153	**0.211**	-0.07
6	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Left	0mm	\	\	18.90	20.30	0.082	**0.113**	0.039	**0.054**	-0.06
6	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Right	0mm	\	\	18.90	20.30	0.549	0.758	0.206	**0.284**	0.14
6	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Right	0mm	\	\	18.90	20.30	0.123	**0.170**	0.058	**0.080**	0.15
6	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Front	10mm	\	\	20.04	21.50	0.131	**0.183**	0.065	**0.091**	0.19
6	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Rear	10mm	\	\	20.04	21.50	0.096	**0.134**	0.051	**0.071**	0.09
6	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Left	10mm	\	\	20.04	21.50	0.389	**0.544**	0.182	**0.255**	-0.16
6	Body	LTE Band41 PC2	40620	2593	1RB-Middle	Top	10mm	\	\	20.04	21.50	0.024	**0.034**	0.014	**0.020**	-0.17
6	Body	LTE Band41 PC2	40620	2593	50RB-Low	Front	10mm	\	\	20.13	21.50	0.123	**0.169**	0.062	**0.085**	0.12
6	Body	LTE Band41 PC2	40620	2593	50RB-Low	Rear	10mm	\	\	20.13	21.50	0.105	**0.144**	0.053	**0.073**	-0.07
6	Body	LTE Band41 PC2	40620	2593	50RB-Low	Left	10mm	\	\	20.13	21.50	0.421	0.577	0.195	**0.267**	-0.12
6	Body	LTE Band41 PC2	40620	2593	50RB-Low	Top	10mm	\	\	20.13	21.50	0.025	**0.034**	0.015	**0.021**	0.14
7	Head	LTE Band41 PC2	40185	2549.5	1RB-Low	Cheek Left	0mm	\	\	16.53	17.10	0.191	**0.218**	0.066	**0.075**	-0.02
7	Head	LTE Band41 PC2	40185	2549.5	1RB-Low	Tilt Left	0mm	\	\	16.53	17.10	0.042	**0.048**	0.014	**0.016**	-0.16
7	Head	LTE Band41 PC2	40185	2549.5	1RB-Low	Cheek Right	0mm	\	\	16.53	17.10	0.094	**0.107**	0.039	**0.044**	0.09
7	Head	LTE Band41 PC2	40185	2549.5	1RB-Low	Tilt Right	0mm	\	\	16.53	17.10	0.028	**0.032**	0.011	**0.013**	0.10
7	Head	LTE Band41 PC2	40185	2549.5	50RB-High	Cheek Left	0mm	\	\	16.57	17.10	0.238	0.269	0.083	**0.094**	0.16
7	Head	LTE Band41 PC2	40185	2549.5	50RB-High	Tilt Left	0mm	\	\	16.57	17.10	0.053	**0.060**	0.022	**0.025**	-0.14
7	Head	LTE Band41 PC2	40185	2549.5	50RB-High	Cheek Right	0mm	\	\	16.57	17.10	0.097	**0.110**	0.040	**0.045**	0.02
7	Head	LTE Band41 PC2	40185	2549.5	50RB-High	Tilt Right	0mm	\	\	16.57	17.10	0.026	**0.029**	0.010	**0.011**	-0.08
7	Body	LTE Band41 PC2	40620	2593	1RB-Low	Front	10mm	\	\	20.08	21.10	0.218	**0.276**	0.108	**0.137**	-0.17
7	Body	LTE Band41 PC2	40620	2593	1RB-Low	Rear	10mm	\	\	20.08	21.10	0.163	**0.206**	0.083	**0.105**	-0.07
7	Body	LTE Band41 PC2	40620	2593	1RB-Low	Right	10mm	\	\	20.08	21.10	0.612	**0.774**	0.288	**0.364**	0.06
7	Body	LTE Band41 PC2	40620	2593	1RB-Low	Top	10mm	\	\	20.08	21.10	0.065	**0.082**	0.032	**0.040**	-0.07
7	Body	LTE Band41 PC2	40620	2593	50RB-Low	Front	10mm	\	\	20.06	21.10	0.219	**0.278**	0.105	**0.133**	0.14
7	Body	LTE Band41 PC2	40620	2593	50RB-Low	Rear	10mm	\	\	20.06	21.10	0.162	**0.206**	0.082	**0.104**	-0.05
7	Body	LTE Band41 PC2	41490	2680	50RB-Low	Right	10mm	\	\	19.85	21.10	0.639	**0.852**	0.267	**0.356**	-0.02
7	Body	LTE Band41 PC2	41055	2636.5	50RB-Low	Right	10mm	\	\	19.90	21.10	0.655	**0.863**	0.289	**0.381**	-0.01
7	Body	LTE Band41 PC2	40620	2593	50RB-Low	Right	10mm	FIG A.24	\	20.06	21.10	0.679	0.863	0.305	**0.388**	0.04
7	Body	LTE Band41 PC2	40185	2549.5	50RB-Low	Right	10mm	\	\	19.99	21.10	0.668	**0.863**	0.296	**0.382**	0.11
7	Body	LTE Band41 PC2	39750	2506	50RB-Low	Right	10mm	\	\	19.74	21.10	0.624	**0.853**	0.258	**0.353**	0.14
7	Body	LTE Band41 PC2	40620	2593	50RB-Low	Top	10mm	\	\	20.06	21.10	0.041	**0.052**	0.011	**0.014**	0.14
7	Body	LTE Band41 PC2	40620	2593	100RB	Right	10mm	\	\	20.03	21.10	0.587	**0.751**	0.264	**0.338**	0.03
4	Head	LTE Band41 PC2	40620	2593	1RB-Low	Cheek Left	0mm	\	\	18.25	19.30	0.306	**0.390**	0.147	**0.187**	0.08
4	Head	LTE Band41 PC2	40620	2593	1RB-Low	Tilt Left	0mm	\	\	18.25	19.30	0.500	**0.637**	0.242	**0.308**	0.17
4	Head	LTE Band41 PC2	40620	2593	1RB-Low	Cheek Right	0mm	\	\	18.25	19.30	0.470	**0.599**	0.242	**0.308**	0.06
4	Head	LTE Band41 PC2	41490	2680	1RB-Low	Tilt Right	0mm	\	\	18.12	19.30	0.618	**0.811**	0.286	**0.375**	0.08
4	Head	LTE Band41 PC2	41055	2636.5	1RB-Low	Tilt Right	0mm	\	\	18.22	19.30	0.632	**0.810**	0.304	**0.390**	0.02
4	Head	LTE Band41 PC2	40620	2593	1RB-Low	Tilt Right	0mm	FIG A.23	\	18.25	19.30	0.640	0.815	0.310	**0.395**	0.11
4	Head	LTE Band41 PC2	40185	2549.5	1RB-Low	Tilt Right	0mm	\	\	18.20	19.30	0.626	**0.806**	0.298	**0.384**	0.07
4	Head	LTE Band41 PC2	39750	2506	1RB-Low	Tilt Right	0mm	\	\	18.21	19.30	0.623	**0.801**	0.296	**0.380**	0.00
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Left	0mm	\	\	18.22	19.30	0.312	**0.400**	0.155	**0.199**	-0.08
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Left	0mm	\	\	18.22	19.30	0.498	**0.639**	0.244	**0.313**	-0.12
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Right	0mm	\	\	18.22	19.30	0.465	**0.596**	0.250	**0.321**	0.19
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Right	0mm	\	\	18.22	19.30	0.623	**0.799**	0.304	**0.390**	0.17
4	Head	LTE Band41 PC2	40620	2593	100RB	Tilt Right	0mm	\	\	18.17	19.30	0.618	**0.802**	0.298	**0.387**	0.13
4	Body	LTE Band41 PC2	40620	2593	1RB-Low	Front	10mm	\	\	19.64	20.50	0.111	**0.135**	0.059	**0.072**	0.01
4	Body	LTE Band41 PC2	40620	2593	1RB-Low	Rear	10mm	\	\	19.64	20.50	0.091	**0.111**	0.052	**0.063**	-0.03
4	Body	LTE Band41 PC2	40620	2593	1RB-Low	Left	10mm	\	\	19.64	20.50	0.070	**0.085**	0.034	**0.041**	-0.19
4	Body	LTE Band41 PC2	40620	2593	1RB-Low	Top	10mm	\	\	19.64	20.50	0.333	**0.406**	0.162	**0.197**	0.09
4	Body	LTE Band41 PC2	40620	2593	50RB-Low	Front	10mm	\	\	19.48	20.50	0.113	**0.143**	0.061	**0.077**	0.17
4	Body	LTE Band41 PC2	40620	2593	50RB-Low	Rear	10mm	\	\	19.48	20.50	0.089	**0.113**	0.051	**0.065**	0.18
4	Body	LTE Band41 PC2	40620	2593	50RB-Low	Left	10mm	\	\	19.48	20.50	0.065	**0.082**	0.030	**0.038**	-0.05
4	Body	LTE Band41 PC2	40620	2593	50RB-Low	Top	10mm	\	\	19.48	20.50	0.347	0.439	0.172	**0.218**	-0.02

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	LTE Band41 PC3	40620	2593	1RB-Low	Cheek Left	0mm	\	\	23.29	23.80	0.050	**0.056**	0.029	**0.033**	-0.16
5	Head	LTE Band41 PC3	40620	2593	1RB-Low	Tilt Left	0mm	\	\	23.29	23.80	0.042	**0.047**	0.022	**0.025**	0.13
5	Head	LTE Band41 PC3	40620	2593	1RB-Low	Cheek Right	0mm	\	\	23.29	23.80	0.081	0.091	0.043	**0.048**	0.13
5	Head	LTE Band41 PC3	40620	2593	1RB-Low	Tilt Right	0mm	\	\	23.29	23.80	0.035	**0.039**	0.018	**0.020**	0.02
5	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Left	0mm	\	\	22.26	22.80	0.037	**0.042**	0.021	**0.024**	-0.11
5	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Left	0mm	\	\	22.26	22.80	0.036	**0.041**	0.019	**0.022**	-0.12
5	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Right	0mm	\	\	22.26	22.80	0.063	**0.071**	0.033	**0.037**	0.05
5	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Right	0mm	\	\	22.26	22.80	0.031	**0.035**	0.016	**0.018**	0.03
5	Head	LTE Band41 PC3	41490	2680	1RB-High	Cheek Right	0mm	\	ULCA	22.84	23.80	0.072	**0.090**	0.038	**0.047**	0.15
5	Body	LTE Band41 PC3	40620	2593	1RB-Low	Front	10mm	\	\	18.75	19.80	0.173	**0.220**	0.087	**0.111**	0.02
5	Body	LTE Band41 PC3	40620	2593	1RB-Low	Rear	10mm	\	\	18.75	19.80	0.325	**0.414**	0.153	**0.195**	0.12
5	Body	LTE Band41 PC3	40620	2593	1RB-Low	Right	10mm	\	\	18.75	19.80	0.086	**0.110**	0.046	**0.059**	-0.19
5	Body	LTE Band41 PC3	40620	2593	1RB-Low	Bottom	10mm	\	\	18.75	19.80	0.528	0.672	0.244	**0.311**	0.03
5	Body	LTE Band41 PC3	40620	2593	50RB-Low	Front	10mm	\	\	18.72	19.80	0.190	**0.244**	0.095	**0.122**	0.17
5	Body	LTE Band41 PC3	40620	2593	50RB-Low	Rear	10mm	\	\	18.72	19.80	0.346	**0.444**	0.157	**0.201**	-0.12
5	Body	LTE Band41 PC3	40620	2593	50RB-Low	Right	10mm	\	\	18.72	19.80	0.093	**0.119**	0.049	**0.063**	0.01
5	Body	LTE Band41 PC3	40620	2593	50RB-Low	Bottom	10mm	\	\	18.72	19.80	0.517	**0.663**	0.242	**0.310**	-0.04
5	Body	LTE Band41 PC3	41490	2680	1RB-High	Bottom	10mm	\	ULCA	18.33	19.80	0.436	**0.612**	0.205	**0.288**	0.16
6	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Cheek Left	0mm	\	\	17.49	19.00	0.163	**0.231**	0.082	**0.116**	0.04
6	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Tilt Left	0mm	\	\	17.49	19.00	0.036	**0.051**	0.019	**0.027**	0.03
6	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Cheek Right	0mm	\	\	17.49	19.00	0.425	**0.602**	0.169	**0.239**	-0.17
6	Head	LTE Band41 PC3	40620	2593	1RB-Middle	Tilt Right	0mm	\	\	17.49	19.00	0.097	**0.137**	0.046	**0.065**	-0.12
6	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Left	0mm	\	\	17.48	19.00	0.145	**0.206**	0.074	**0.105**	0.17
6	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Left	0mm	\	\	17.48	19.00	0.039	**0.055**	0.021	**0.030**	0.18
6	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Right	0mm	\	\	17.48	19.00	0.433	0.614	0.174	**0.247**	-0.10
6	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Right	0mm	\	\	17.48	19.00	0.111	**0.158**	0.058	**0.082**	-0.03
6	Head	LTE Band41 PC3	41490	2680	1RB-High	Cheek Right	0mm	\	ULCA	17.21	19.00	0.386	**0.583**	0.145	**0.219**	0.18
6	Body	LTE Band41 PC3	40620	2593	1RB-Low	Front	10mm	\	\	19.12	20.20	0.148	**0.190**	0.074	**0.095**	0.10
6	Body	LTE Band41 PC3	40620	2593	1RB-Low	Rear	10mm	\	\	19.12	20.20	0.120	**0.154**	0.059	**0.076**	-0.19
6	Body	LTE Band41 PC3	40620	2593	1RB-Low	Left	10mm	\	\	19.12	20.20	0.447	**0.573**	0.203	**0.260**	-0.18
6	Body	LTE Band41 PC3	40620	2593	1RB-Low	Top	10mm	\	\	19.12	20.20	0.041	**0.053**	0.023	**0.029**	0.19
6	Body	LTE Band41 PC3	40620	2593	50RB-Low	Front	10mm	\	\	19.17	20.20	0.153	**0.194**	0.076	**0.096**	-0.05
6	Body	LTE Band41 PC3	40620	2593	50RB-Low	Rear	10mm	\	\	19.17	20.20	0.110	**0.139**	0.053	**0.067**	-0.10
6	Body	LTE Band41 PC3	40620	2593	50RB-Low	Left	10mm	\	\	19.17	20.20	0.506	0.641	0.233	**0.295**	0.02
6	Body	LTE Band41 PC3	40620	2593	50RB-Low	Top	10mm	\	\	19.17	20.20	0.038	**0.048**	0.021	**0.027**	0.05
6	Body	LTE Band41 PC3	41490	2680	1RB-High	Left	10mm	\	ULCA	18.46	20.20	0.384	**0.573**	0.174	**0.260**	0.16
7	Head	LTE Band41 PC3	40185	2549.5	1RB-Low	Cheek Left	0mm	\	\	15.31	15.80	0.267	**0.299**	0.095	**0.106**	-0.01
7	Head	LTE Band41 PC3	40185	2549.5	1RB-Low	Tilt Left	0mm	\	\	15.31	15.80	0.068	**0.076**	0.026	**0.029**	-0.14
7	Head	LTE Band41 PC3	40185	2549.5	1RB-Low	Cheek Right	0mm	\	\	15.31	15.80	0.103	**0.115**	0.041	**0.046**	-0.16
7	Head	LTE Band41 PC3	40185	2549.5	1RB-Low	Tilt Right	0mm	\	\	15.31	15.80	0.039	**0.044**	0.021	**0.024**	0.04
7	Head	LTE Band41 PC3	40185	2549.5	50RB-High	Cheek Left	0mm	\	\	15.31	15.80	0.273	0.306	0.097	**0.109**	0.15
7	Head	LTE Band41 PC3	40185	2549.5	50RB-High	Tilt Left	0mm	\	\	15.31	15.80	0.070	**0.078**	0.026	**0.029**	-0.18
7	Head	LTE Band41 PC3	40185	2549.5	50RB-High	Cheek Right	0mm	\	\	15.31	15.80	0.105	**0.118**	0.041	**0.046**	0.17
7	Head	LTE Band41 PC3	40185	2549.5	50RB-High	Tilt Right	0mm	\	\	15.31	15.80	0.036	**0.040**	0.019	**0.021**	0.05
7	Head	LTE Band41 PC3	41490	2680	1RB-High	Cheek Left	0mm	\	ULCA	14.77	15.80	0.218	**0.276**	0.073	**0.093**	0.17
7	Body	LTE Band41 PC3	40620	2593	1RB-Low	Front	10mm	\	\	18.82	19.80	0.238	**0.298**	0.110	**0.138**	0.11
7	Body	LTE Band41 PC3	40620	2593	1RB-Low	Rear	10mm	\	\	18.82	19.80	0.170	**0.213**	0.087	**0.109**	0.12
7	Body	LTE Band41 PC3	41490	2680	1RB-Low	Right	10mm	\	\	18.62	19.80	0.619	**0.812**	0.267	**0.350**	-0.05
7	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Right	10mm	\	\	18.72	19.80	0.631	**0.809**	0.284	**0.364**	0.10
7	Body	LTE Band41 PC3	40620	2593	1RB-Low	Right	10mm	\	\	18.82	19.80	0.646	**0.810**	0.291	**0.365**	-0.01
7	Body	LTE Band41 PC3	40185	2549.5	1RB-Low	Right	10mm	\	\	18.79	19.80	0.633	**0.799**	0.279	**0.352**	-0.15
7	Body	LTE Band41 PC3	39750	2506	1RB-Low	Right	10mm	\	\	18.59	19.80	0.612	**0.809**	0.261	**0.345**	-0.04
7	Body	LTE Band41 PC3	40620	2593	1RB-Low	Top	10mm	\	\	18.82	19.80	0.044	**0.055**	0.016	**0.020**	-0.15
7	Body	LTE Band41 PC3	40620	2593	50RB-Low	Front	10mm	\	\	18.78	19.80	0.231	**0.292**	0.110	**0.139**	-0.01
7	Body	LTE Band41 PC3	40620	2593	50RB-Low	Rear	10mm	\	\	18.78	19.80	0.165	**0.209**	0.083	**0.105**	0.01
7	Body	LTE Band41 PC3	41490	2680	50RB-Low	Right	10mm	\	\	18.67	19.80	0.709	**0.920**	0.303	**0.393**	0.13
7	Body	LTE Band41 PC3	41055	2636.5	50RB-Low	Right	10mm	\	\	18.70	19.80	0.719	**0.926**	0.322	**0.415**	0.13
7	Body	LTE Band41 PC3	40620	2593	50RB-Low	Right	10mm	FIG A.26	\	18.78	19.80	0.733	0.927	0.330	**0.417**	-0.04
7	Body	LTE Band41 PC3	40185	2549.5	50RB-Low	Right	10mm	\	\	18.72	19.80	0.718	**0.921**	0.316	**0.405**	0.13
7	Body	LTE Band41 PC3	39750	2506	50RB-Low	Right	10mm	\	\	18.55	19.80	0.694	**0.925**	0.296	**0.395**	0.07
7	Body	LTE Band41 PC3	40620	2593	50RB-Low	Top	10mm	\	\	18.78	19.80	0.038	**0.048**	0.012	**0.015**	0.03
7	Body	LTE Band41 PC3	40620	2593	100RB	Right	10mm	\	\	18.72	19.80	0.659	**0.845**	0.296	**0.380**	0.15
7	Body	LTE Band41 PC3	41490	2680	1RB-High	Right	10mm	\	ULCA	18.63	19.80	0.583	**0.763**	0.254	**0.333**	0.06
4	Head	LTE Band41 PC3	40620	2593	1RB-Low	Cheek Left	0mm	\	\	17.13	18.00	0.325	**0.397**	0.162	**0.198**	0.05
4	Head	LTE Band41 PC3	40620	2593	1RB-Low	Tilt Left	0mm	\	\	17.13	18.00	0.479	**0.585**	0.223	**0.272**	-0.04
4	Head	LTE Band41 PC3	40620	2593	1RB-Low	Cheek Right	0mm	\	\	17.13	18.00	0.472	**0.577**	0.235	**0.287**	0.01
4	Head	LTE Band41 PC3	41490	2680	1RB-Low	Tilt Right	0mm	\	\	16.99	18.00	0.719	**0.907**	0.325	**0.410**	0.13
4	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Tilt Right	0mm	\	\	17.02	18.00	0.722	**0.905**	0.335	**0.420**	0.06
4	Head	LTE Band41 PC3	40620	2593	1RB-Low	Tilt Right	0mm	FIG A.25	\	17.13	18.00	0.743	0.908	0.354	**0.433**	0.08
4	Head	LTE Band41 PC3	40185	2549.5	1RB-Low	Tilt Right	0mm	\	\	17.09	18.00	0.728	**0.898**	0.339	**0.418**	0.18
4	Head	LTE Band41 PC3	39750	2506	1RB-Low	Tilt Right	0mm	\	\	17.05	18.00	0.703	**0.875**	0.318	**0.396**	-0.09
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Left	0mm	\	\	17.09	18.00	0.325	**0.401**	0.159	**0.196**	0.01
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Left	0mm	\	\	17.09	18.00	0.474	**0.584**	0.223	**0.275**	-0.12
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Right	0mm	\	\	17.09	18.00	0.520	**0.641**	0.268	**0.330**	-0.01
4	Head	LTE Band41 PC3	41490	2680	50RB-Low	Tilt Right	0mm	\	\	16.98	18.00	0.708	**0.895**	0.320	**0.405**	0.04
4	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Tilt Right	0mm	\	\	17.00	18.00	0.711	**0.895**	0.330	**0.415**	0.02
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Right	0mm	\	\	17.09	18.00	0.732	**0.903**	0.349	**0.430**	-0.06
4	Head	LTE Band41 PC3	40185	2549.5	50RB-Low	Tilt Right	0mm	\	\	17.05	18.00	0.717	**0.892**	0.334	**0.416**	0.11
4	Head	LTE Band41 PC3	39750	2506	50RB-Low	Tilt Right	0mm	\	\	17.07	18.00	0.693	**0.858**	0.314	**0.389**	0.02
4	Head	LTE Band41 PC3	40620	2593	100RB	Tilt Right	0mm	\	\	16.95	18.00	0.711	**0.905**	0.330	**0.420**	0.15
4	Head	LTE Band41 PC3	41490	2680	1RB-Low	Tilt Right	0mm	\	ULCA	16.63	18.00	0.653	**0.895**	0.271	**0.372**	0.02
4	Body	LTE Band41 PC3	40620	2593	1RB-Low	Front	10mm	\	\	18.41	19.30	0.120	**0.147**	0.065	**0.080**	-0.05
4	Body	LTE Band41 PC3	40620	2593	1RB-Low	Rear	10mm	\	\	18.41	19.30	0.111	**0.136**	0.062	**0.076**	0.11
4	Body	LTE Band41 PC3	40620	2593	1RB-Low	Left	10mm	\	\	18.41	19.30	0.086	**0.106**	0.042	**0.052**	-0.19
4	Body	LTE Band41 PC3	40620	2593	1RB-Low	Top	10mm	\	\	18.41	19.30	0.397	0.487	0.196	**0.241**	0.03
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Front	10mm	\	\	18.24	19.30	0.127	**0.162**	0.070	**0.089**	-0.11
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Rear	10mm	\	\	18.24	19.30	0.108	**0.138**	0.061	**0.078**	0.08
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Left	10mm	\	\	18.24	19.30	0.087	**0.111**	0.044	**0.056**	-0.07
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Top	10mm	\	\	18.24	19.30	0.380	**0.485**	0.187	**0.239**	0.14
4	Body	LTE Band41 PC3	40620	2593	1RB-Low	Top	10mm	\	ULCA	17.91	19.30	0.345	**0.475**	0.168	**0.231**	0.19

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	LTE Band66	132572	1770	1RB-High	Cheek Left	0mm	\	\	23.80	24.50	0.092	**0.108**	0.064	**0.075**	-0.10
5	Head	LTE Band66	132572	1770	1RB-High	Tilt Left	0mm	\	\	23.80	24.50	0.076	**0.089**	0.051	**0.060**	-0.09
5	Head	LTE Band66	132572	1770	1RB-High	Cheek Right	0mm	\	\	23.80	24.50	0.122	**0.143**	0.080	**0.094**	-0.01
5	Head	LTE Band66	132572	1770	1RB-High	Tilt Right	0mm	\	\	23.80	24.50	0.044	**0.052**	0.030	**0.035**	0.11
5	Head	LTE Band66	132322	1745	50RB-High	Cheek Left	0mm	\	\	22.68	23.50	0.059	**0.071**	0.040	**0.048**	0.11
5	Head	LTE Band66	132322	1745	50RB-High	Tilt Left	0mm	\	\	22.68	23.50	0.054	**0.065**	0.036	**0.043**	0.10
5	Head	LTE Band66	132322	1745	50RB-High	Cheek Right	0mm	\	\	22.68	23.50	0.116	**0.140**	0.074	**0.089**	0.16
5	Head	LTE Band66	132322	1745	50RB-High	Tilt Right	0mm	\	\	22.68	23.50	0.032	**0.039**	0.024	**0.029**	0.06
5	Body	LTE Band66	132572	1770	1RB-High	Front	10mm	\	\	21.09	21.80	0.220	**0.259**	0.127	**0.150**	-0.03
5	Body	LTE Band66	132572	1770	1RB-High	Rear	10mm	\	\	21.09	21.80	0.322	**0.379**	0.180	**0.212**	-0.01
5	Body	LTE Band66	132572	1770	1RB-High	Right	10mm	\	\	21.09	21.80	0.086	**0.101**	0.044	**0.052**	0.16
5	Body	LTE Band66	132572	1770	1RB-High	Bottom	10mm	\	\	21.09	21.80	0.676	**0.796**	0.369	**0.435**	-0.03
5	Body	LTE Band66	132322	1745	50RB-High	Front	10mm	\	\	20.96	21.80	0.219	**0.266**	0.128	**0.155**	-0.16
5	Body	LTE Band66	132322	1745	50RB-High	Rear	10mm	\	\	20.96	21.80	0.326	**0.396**	0.184	**0.223**	0.09
5	Body	LTE Band66	132322	1745	50RB-High	Right	10mm	\	\	20.96	21.80	0.104	**0.126**	0.054	**0.066**	0.14
5	Body	LTE Band66	132322	1745	50RB-High	Bottom	10mm	\	\	20.96	21.80	0.637	**0.773**	0.343	**0.416**	0.13
6	Head	LTE Band66	132322	1745	1RB-Low	Cheek Left	0mm	\	\	15.22	16.80	0.141	**0.203**	0.076	**0.109**	0.05
6	Head	LTE Band66	132322	1745	1RB-Low	Tilt Left	0mm	\	\	15.22	16.80	0.045	**0.065**	0.027	**0.039**	-0.18
6	Head	LTE Band66	132322	1745	1RB-Low	Cheek Right	0mm	\	\	15.22	16.80	0.517	**0.744**	0.222	**0.319**	-0.13
6	Head	LTE Band66	132322	1745	1RB-Low	Tilt Right	0mm	\	\	15.22	16.80	0.092	**0.132**	0.048	**0.069**	0.10
6	Head	LTE Band66	132322	1745	50RB-Low	Cheek Left	0mm	\	\	15.18	16.80	0.146	**0.212**	0.079	**0.115**	0.08
6	Head	LTE Band66	132322	1745	50RB-Low	Tilt Left	0mm	\	\	15.18	16.80	0.043	**0.062**	0.026	**0.038**	-0.14
6	Head	LTE Band66	132322	1745	50RB-Low	Cheek Right	0mm	FIG A.27	\	15.18	16.80	0.523	**0.759**	0.225	**0.327**	0.04
6	Head	LTE Band66	132322	1745	50RB-Low	Tilt Right	0mm	\	\	15.18	16.80	0.096	**0.139**	0.050	**0.073**	-0.11
6	Body	LTE Band66	132072	1720	1RB-Low	Front	10mm	\	\	18.88	19.80	0.276	**0.341**	0.157	**0.194**	-0.03
6	Body	LTE Band66	132072	1720	1RB-Low	Rear	10mm	\	\	18.88	19.80	0.258	**0.319**	0.146	**0.180**	0.03
6	Body	LTE Band66	132572	1770	1RB-Low	Left	10mm	\	\	18.71	19.80	0.697	**0.896**	0.342	**0.440**	0.07
6	Body	LTE Band66	132322	1745	1RB-Low	Left	10mm	FIG A.28	\	18.84	19.80	0.725	**0.904**	0.370	**0.462**	-0.08
6	Body	LTE Band66	132072	1720	1RB-Low	Left	10mm	\	\	18.88	19.80	0.703	**0.869**	0.355	**0.439**	-0.03
6	Body	LTE Band66	132322	1745	1RB-Low	Top	10mm	\	\	18.88	19.80	0.067	**0.083**	0.039	**0.048**	0.15
6	Body	LTE Band66	132322	1745	50RB-High	Front	10mm	\	\	18.72	19.80	0.299	**0.383**	0.160	**0.205**	0.13
6	Body	LTE Band66	132322	1745	50RB-High	Rear	10mm	\	\	18.72	19.80	0.257	**0.330**	0.143	**0.183**	0.01
6	Body	LTE Band66	132572	1770	50RB-High	Left	10mm	\	\	18.59	19.80	0.674	**0.891**	0.328	**0.433**	0.05
6	Body	LTE Band66	132322	1745	50RB-High	Left	10mm	\	\	18.72	19.80	0.704	**0.903**	0.354	**0.454**	-0.17
6	Body	LTE Band66	132072	1720	50RB-High	Left	10mm	\	\	18.68	19.80	0.685	**0.887**	0.337	**0.436**	0.05
6	Body	LTE Band66	132322	1745	50RB-High	Top	10mm	\	\	18.72	19.80	0.081	**0.104**	0.048	**0.062**	0.17
6	Body	LTE Band66	132322	1745	100RB	Left	10mm	\	\	18.68	19.80	0.689	**0.892**	0.341	**0.441**	-0.09
7	Head	LTE Band66	132322	1745	1RB-Low	Cheek Left	0mm	\	\	17.36	18.40	0.384	**0.488**	0.187	**0.238**	0.08
7	Head	LTE Band66	132322	1745	1RB-Low	Tilt Left	0mm	\	\	17.36	18.40	0.082	**0.104**	0.041	**0.052**	0.06
7	Head	LTE Band66	132322	1745	1RB-Low	Cheek Right	0mm	\	\	17.36	18.40	0.138	**0.175**	0.079	**0.100**	-0.11
7	Head	LTE Band66	132322	1745	1RB-Low	Tilt Right	0mm	\	\	17.36	18.40	0.065	**0.083**	0.034	**0.043**	-0.09
7	Head	LTE Band66	132322	1745	50RB-Low	Cheek Left	0mm	\	\	17.26	18.40	0.493	**0.641**	0.219	**0.285**	0.15
7	Head	LTE Band66	132322	1745	50RB-Low	Tilt Left	0mm	\	\	17.26	18.40	0.079	**0.103**	0.038	**0.049**	0.02
7	Head	LTE Band66	132322	1745	50RB-Low	Cheek Right	0mm	\	\	17.26	18.40	0.131	**0.170**	0.073	**0.095**	-0.08
7	Head	LTE Band66	132322	1745	50RB-Low	Tilt Right	0mm	\	\	17.26	18.40	0.058	**0.075**	0.029	**0.038**	-0.15
7	Body	LTE Band66	132322	1745	1RB-Low	Front	10mm	\	\	19.75	20.90	0.132	**0.172**	0.068	**0.089**	0.05
7	Body	LTE Band66	132322	1745	1RB-Low	Rear	10mm	\	\	19.75	20.90	0.082	**0.107**	0.044	**0.057**	0.01
7	Body	LTE Band66	132322	1745	1RB-Low	Right	10mm	\	\	19.75	20.90	0.387	**0.504**	0.191	**0.249**	-0.07
7	Body	LTE Band66	132322	1745	1RB-Low	Top	10mm	\	\	19.75	20.90	0.046	**0.060**	0.026	**0.034**	-0.18
7	Body	LTE Band66	132322	1745	50RB-Low	Front	10mm	\	\	19.59	20.90	0.132	**0.178**	0.067	**0.091**	-0.05
7	Body	LTE Band66	132322	1745	50RB-Low	Rear	10mm	\	\	19.59	20.90	0.080	**0.108**	0.043	**0.058**	0.16
7	Body	LTE Band66	132322	1745	50RB-Low	Right	10mm	\	\	19.59	20.90	0.341	**0.461**	0.163	**0.220**	-0.07
7	Body	LTE Band66	132322	1745	50RB-Low	Top	10mm	\	\	19.59	20.90	0.041	**0.055**	0.022	**0.030**	0.08
4	Head	LTE Band66	132322	1745	1RB-Low	Cheek Left	0mm	\	\	17.22	18.00	0.140	**0.168**	0.082	**0.098**	0.03
4	Head	LTE Band66	132322	1745	1RB-Low	Tilt Left	0mm	\	\	17.22	18.00	0.179	**0.214**	0.100	**0.120**	-0.16
4	Head	LTE Band66	132322	1745	1RB-Low	Cheek Right	0mm	\	\	17.22	18.00	0.360	**0.431**	0.181	**0.217**	0.03
4	Head	LTE Band66	132322	1745	1RB-Low	Tilt Right	0mm	\	\	17.22	18.00	0.370	**0.443**	0.200	**0.239**	-0.02
4	Head	LTE Band66	132322	1745	50RB-Low	Cheek Left	0mm	\	\	17.02	18.00	0.135	**0.169**	0.079	**0.099**	-0.02
4	Head	LTE Band66	132322	1745	50RB-Low	Tilt Left	0mm	\	\	17.02	18.00	0.177	**0.222**	0.100	**0.125**	-0.12
4	Head	LTE Band66	132322	1745	50RB-Low	Cheek Right	0mm	\	\	17.02	18.00	0.348	**0.436**	0.194	**0.243**	0.09
4	Head	LTE Band66	132322	1745	50RB-Low	Tilt Right	0mm	\	\	17.02	18.00	0.352	**0.441**	0.179	**0.224**	0.12
4	Body	LTE Band66	132322	1745	1RB-Low	Front	10mm	\	\	15.28	16.00	0.125	**0.148**	0.079	**0.093**	0.08
4	Body	LTE Band66	132322	1745	1RB-Low	Rear	10mm	\	\	15.28	16.00	0.102	**0.120**	0.068	**0.080**	0.15
4	Body	LTE Band66	132322	1745	1RB-Low	Left	10mm	\	\	15.28	16.00	0.041	**0.048**	0.019	**0.022**	-0.19
4	Body	LTE Band66	132322	1745	1RB-Low	Top	10mm	\	\	15.28	16.00	0.268	**0.316**	0.160	**0.189**	-0.17
4	Body	LTE Band66	132322	1745	50RB-Low	Front	10mm	\	\	15.17	16.00	0.130	**0.157**	0.084	**0.102**	0.02
4	Body	LTE Band66	132322	1745	50RB-Low	Rear	10mm	\	\	15.17	16.00	0.095	**0.115**	0.066	**0.080**	-0.10
4	Body	LTE Band66	132322	1745	50RB-Low	Left	10mm	\	\	15.17	16.00	0.038	**0.046**	0.018	**0.022**	0.04
4	Body	LTE Band66	132322	1745	50RB-Low	Top	10mm	\	\	15.17	16.00	0.307	**0.372**	0.179	**0.217**	-0.09

15.2 SAR results for 5G NR

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.79	25.20	0.047	**0.065**	0.029	**0.040**	0.16
5	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.79	25.20	0.027	**0.037**	0.013	**0.018**	0.15
5	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.33	25.20	0.045	**0.069**	0.026	**0.040**	0.11
5	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.79	25.20	0.057	0.079	0.035	**0.048**	0.14
5	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.24	25.20	0.049	**0.077**	0.030	**0.047**	-0.04
5	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.79	25.20	0.024	**0.033**	0.011	**0.015**	-0.05
5	Head	N2	376000	1880	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.25	23.70	0.048	**0.067**	0.030	**0.042**	-0.14
5	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	19.40	20.80	0.159	**0.219**	0.090	**0.124**	-0.15
5	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.40	20.80	0.204	**0.282**	0.118	**0.163**	0.02
5	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	10mm	\	\	19.40	20.80	0.077	**0.106**	0.045	**0.062**	0.01
5	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.05	20.80	0.296	**0.443**	0.162	**0.242**	-0.13
5	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.40	20.80	0.342	0.472	0.184	**0.254**	-0.04
5	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	18.88	20.80	0.283	**0.440**	0.152	**0.237**	0.16
5	Body	N2	376000	1880	CP-OFDM QPSK	Bottom	10mm	\	\	19.38	20.80	0.321	**0.445**	0.176	**0.244**	0.15
6	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	14.81	16.50	0.104	**0.153**	0.056	**0.083**	0.06
6	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	14.81	16.50	0.039	**0.058**	0.019	**0.028**	0.17
6	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	14.68	16.50	0.251	**0.382**	0.124	**0.189**	0.04
6	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.29	\	14.81	16.50	0.353	0.521	0.156	**0.230**	0.15
6	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	14.70	16.50	0.314	**0.475**	0.157	**0.238**	-0.1
6	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	14.81	16.50	0.076	**0.112**	0.040	**0.059**	-0.17
6	Head	N2	376000	1880	CP-OFDM 256QAM	Cheek Right	0mm	\	\	14.79	16.50	0.346	**0.513**	0.151	**0.224**	0.12
6	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	17.23	18.60	0.159	**0.218**	0.083	**0.114**	-0.04
6	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.23	18.60	0.136	**0.186**	0.075	**0.103**	-0.02
6	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Left	10mm	\	\	16.88	18.60	0.385	**0.572**	0.201	**0.299**	0.15
6	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	FIG A.30	\	17.23	18.60	0.440	0.603	0.217	**0.297**	0.14
6	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Left	10mm	\	\	16.72	18.60	0.380	**0.586**	0.196	**0.302**	0.12
6	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	\	\	17.23	18.60	0.037	**0.051**	0.019	**0.026**	-0.03
6	Body	N2	376000	1880	CP-OFDM QPSK	Left	10mm	\	\	17.15	18.60	0.421	**0.588**	0.207	**0.289**	0.12
0	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.39	22.20	0.244	**0.370**	0.132	**0.200**	0.09
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.57	22.20	0.272	**0.396**	0.140	**0.204**	-0.15
0	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.31	\	20.56	22.20	0.293	0.427	0.154	**0.225**	0.02
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	20.57	22.20	0.039	**0.057**	0.021	**0.031**	0.06
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	20.57	22.20	0.076	**0.111**	0.047	**0.068**	-0.1
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	20.57	22.20	0.028	**0.041**	0.014	**0.020**	0.07
0	Head	N5	167300	836.5	CP-OFDM QPSK	Cheek Left	0mm	\	\	20.38	22.20	0.253	**0.385**	0.129	**0.196**	0.11
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	\	20.57	22.20	0.093	**0.135**	0.056	**0.082**	-0.02
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.57	22.20	0.076	**0.111**	0.048	**0.070**	-0.16
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Left	10mm	\	\	20.39	22.20	0.182	**0.276**	0.104	**0.158**	0.13
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	\	\	20.57	22.20	0.215	**0.313**	0.123	**0.179**	0.13
0	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.32	\	20.56	22.20	0.231	0.337	0.131	**0.191**	-0.01
0	Body	N5	167300	836.5	CP-OFDM QPSK	Left	10mm	\	\	20.38	22.20	0.204	**0.310**	0.116	**0.176**	0.02
1	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.39	25.30	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.64	25.30	0.017	0.025	0.012	**0.018**	0.14
1	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.62	25.30	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.64	25.30	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.64	25.30	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.64	25.30	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N5	167300	836.5	CP-OFDM QPSK	Cheek Left	0mm	\	\	22.46	23.80	<0.01	**<0.01**	<0.01	**<0.01**	
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	\	23.64	25.30	0.106	**0.155**	0.065	**0.095**	-0.08
1	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.39	25.30	0.093	**0.144**	0.046	**0.071**	-0.01
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.64	25.30	0.117	0.171	0.072	**0.106**	0.11
1	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.62	25.30	0.097	**0.143**	0.060	**0.088**	-0.03
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	\	\	23.64	25.30	0.058	**0.085**	0.029	**0.043**	-0.1
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	23.64	25.30	0.088	**0.129**	0.044	**0.064**	0.1
1	Body	N5	167300	836.5	CP-OFDM QPSK	Rear	10mm	\	\	22.46	23.80	0.103	**0.140**	0.065	**0.088**	-0.09

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.40	25.40	0.058	**0.073**	0.033	**0.042**	-0.08
5	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.40	25.40	0.024	**0.030**	0.012	**0.015**	-0.17
5	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.19	25.40	0.148	**0.196**	0.079	**0.104**	0.14
5	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.40	25.40	0.139	**0.175**	0.074	**0.093**	0.02
5	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.15	25.40	0.146	**0.195**	0.077	**0.103**	-0.05
5	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.40	25.40	0.036	**0.045**	0.019	**0.024**	-0.18
5	Head	N7	507000	2535	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.89	23.70	0.124	**0.149**	0.071	**0.086**	0.15
5	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	19.83	20.80	0.216	**0.270**	0.105	**0.131**	0.13
5	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.83	20.80	0.207	**0.259**	0.103	**0.129**	-0.06
5	Body	N7	507000	2535	DFT-s-OFDM QPSK	Right	10mm	\	\	19.83	20.80	0.094	**0.118**	0.050	**0.063**	-0.19
5	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.59	20.80	0.279	**0.369**	0.135	**0.178**	0.14
5	Body	N7	507000	2535	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.83	20.80	0.314	**0.393**	0.151	**0.189**	0.14
5	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Bottom	10mm			19.60	20.80	0.292	**0.385**	0.140	**0.185**	-0.15
5	Body	N7	507000	2535	CP-OFDM 64QAM	Bottom	10mm	\	\	19.79	20.80	0.305	**0.385**	0.144	**0.182**	0.17
6	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.39	18.10	0.106	**0.157**	0.046	**0.068**	-0.11
6	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	16.39	18.10	0.044	**0.065**	0.019	**0.028**	-0.12
6	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.20	18.10	0.197	**0.305**	0.078	**0.121**	0.04
6	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.39	18.10	0.210	**0.311**	0.082	**0.122**	0.16
6	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.26	18.10	0.200	**0.306**	0.080	**0.122**	-0.16
6	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.39	18.10	0.053	**0.079**	0.023	**0.034**	0.14
6	Head	N7	507000	2535	CP-OFDM 256QAM	Cheek Right	0mm	\	\	16.36	18.10	0.182	**0.272**	0.074	**0.110**	0.02
6	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	17.36	18.60	0.043	**0.057**	0.020	**0.027**	0.1
6	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.36	18.60	0.042	**0.056**	0.022	**0.029**	-0.03
6	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Left	10mm	\	\	17.16	18.60	0.167	**0.233**	0.075	**0.104**	0.09
6	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	\	17.36	18.60	0.181	**0.241**	0.081	**0.108**	0.12
6	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Left	10mm	\	\	17.09	18.60	0.158	**0.224**	0.071	**0.101**	0.12
6	Body	N7	507000	2535	DFT-s-OFDM QPSK	Top	10mm	\	\	17.36	18.60	0.035	**0.047**	0.018	**0.024**	-0.09
6	Body	N7	507000	2535	CP-OFDM 256QAM	Left	10mm	\	\	17.28	18.60	0.163	**0.221**	0.073	**0.099**	0.05
7	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.58	16.90	0.429	**0.581**	0.171	**0.232**	0.15
7	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.33	\	15.64	16.90	0.467	**0.624**	0.184	**0.246**	0.14
7	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.55	16.90	0.437	**0.596**	0.173	**0.236**	0.13
7	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.64	16.90	0.107	**0.143**	0.051	**0.068**	0.11
7	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.64	16.90	0.137	**0.183**	0.063	**0.084**	0.1
7	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.64	16.90	0.039	**0.052**	0.020	**0.027**	-0.07
7	Head	N7	507000	2535	CP-OFDM 64QAM	Cheek Left	0mm	\	\	15.63	16.90	0.452	**0.606**	0.178	**0.238**	0.02
7	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	16.66	17.90	0.116	**0.154**	0.055	**0.073**	-0.17
7	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	16.66	17.90	0.082	**0.109**	0.041	**0.055**	0.05
7	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Right	10mm	FIG A.34	\	16.60	17.90	0.393	**0.530**	0.178	**0.240**	0.14
7	Body	N7	507000	2535	DFT-s-OFDM QPSK	Right	10mm	\	\	16.66	17.90	0.342	**0.455**	0.156	**0.208**	0.06
7	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Right	10mm	\	\	16.56	17.90	0.312	**0.425**	0.140	**0.191**	-0.04
7	Body	N7	507000	2535	DFT-s-OFDM QPSK	Top	10mm	\	\	16.66	17.90	0.043	**0.057**	0.024	**0.032**	-0.18
7	Body	N7	507000	2535	CP-OFDM 64QAM	Right	10mm	\	\	16.65	17.90	0.319	**0.425**	0.146	**0.195**	0.15
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	12.03	13.30	0.087	**0.117**	0.043	**0.058**	0.06
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	12.03	13.30	0.123	**0.165**	0.052	**0.070**	0.06
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	12.03	13.30	0.228	**0.305**	0.108	**0.145**	-0.01
4	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	11.98	13.30	0.281	**0.381**	0.122	**0.165**	0.11
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	12.03	13.30	0.255	**0.342**	0.109	**0.146**	-0.01
4	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	12.02	13.30	0.247	**0.332**	0.106	**0.142**	0.17
4	Head	N7	507000	2535	CP-OFDM QPSK	Tilt Right	0mm	\	\	11.84	13.30	0.245	**0.343**	0.101	**0.141**	0.16
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	13.57	14.60	0.046	**0.058**	0.023	**0.029**	0.18
4	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	13.51	14.60	0.058	**0.075**	0.031	**0.040**	-0.13
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	13.57	14.60	0.061	**0.077**	0.033	**0.042**	0.19
4	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	13.56	14.60	0.054	**0.069**	0.027	**0.034**	-0.05
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	\	13.57	14.60	0.031	**0.039**	0.016	**0.020**	-0.17
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Top	10mm	\	\	13.57	14.60	0.054	**0.068**	0.026	**0.033**	0.11
4	Body	N7	507000	2535	CP-OFDM QPSK	Rear	10mm	\	\	13.36	14.60	0.055	**0.073**	0.027	**0.036**	-0.08

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	N12	142700	713.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	19.86	21.00	0.366	**0.476**	0.182	**0.237**	0.14
0	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	19.90	21.00	0.346	**0.446**	0.173	**0.223**	0.04
0	Head	N12	140300	701.5	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.35	\	19.84	21.00	0.392	0.512	0.200	**0.261**	0.18
0	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	19.90	21.00	0.066	**0.085**	0.043	**0.055**	-0.07
0	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.90	21.00	0.143	**0.184**	0.076	**0.098**	0.07
0	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	19.90	21.00	0.044	**0.057**	0.035	**0.045**	0.12
0	Head	N12	141500	707.5	CP-OFDM 16QAM	Cheek Left	0mm	\	\	19.89	21.00	0.321	**0.414**	0.164	**0.212**	0.15
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Front	10mm	\	\	19.90	21.00	0.217	**0.280**	0.141	**0.182**	0.01
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.90	21.00	0.189	**0.243**	0.122	**0.157**	0.11
0	Body	N12	142700	713.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.36	\	19.86	21.00	0.448	0.582	0.263	**0.342**	-0.05
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Left	10mm	\	\	19.90	21.00	0.408	**0.526**	0.236	**0.304**	0.19
0	Body	N12	140300	701.5	DFT-s-OFDM QPSK	Left	10mm	\	\	19.84	21.00	0.383	**0.500**	0.221	**0.289**	0.11
0	Body	N12	141500	707.5	CP-OFDM 16QAM	Left	10mm	\	\	19.89	21.00	0.391	**0.505**	0.227	**0.293**	0.05
1	Head	N12	142700	713.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.62	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.69	25.40	0.039	0.058	0.027	**0.040**	0.14
1	Head	N12	140300	701.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.64	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.69	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.69	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.69	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N12	141500	707.5	CP-OFDM QPSK	Cheek Left	0mm	\	\	22.18	23.90	<0.01	**<0.01**	<0.01	**<0.01**	
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Front	10mm	\	\	23.69	25.40	0.048	**0.071**	0.032	**0.047**	-0.1
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.69	25.40	0.062	**0.092**	0.040	**0.059**	-0.09
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Left	10mm	\	\	23.69	25.40	0.035	**0.052**	0.023	**0.034**	0.11
1	Body	N12	142700	713.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	23.62	25.40	0.125	**0.188**	0.062	**0.093**	0.17
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	23.69	25.40	0.136	0.202	0.068	**0.101**	0.01
1	Body	N12	140300	701.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	23.64	25.40	0.119	**0.178**	0.057	**0.085**	0.14
1	Body	N12	141500	707.5	CP-OFDM QPSK	Bottom	10mm	\	\	22.18	23.90	0.111	**0.165**	0.058	**0.086**	0.14
5	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.71	25.20	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.71	25.20	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.55	25.20	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.71	25.20	0.040	0.056	0.021	**0.030**	0.17
5	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.41	25.20	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.71	25.20	<0.01	**<0.01**	<0.01	**<0.01**	
5	Head	N25	376500	1882.5	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.10	23.70	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Front	10mm	\	\	19.38	21.00	0.119	**0.173**	0.062	**0.090**	-0.15
5	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.38	21.00	0.159	**0.231**	0.088	**0.128**	-0.12
5	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Right	10mm	\	\	19.38	21.00	0.067	**0.097**	0.028	**0.041**	0.14
5	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.22	21.00	0.332	**0.500**	0.178	**0.268**	0.1
5	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.38	21.00	0.349	0.507	0.189	**0.274**	0.18
5	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.17	21.00	0.320	**0.488**	0.171	**0.261**	0.02
5	Body	N25	376500	1882.5	CP-OFDM QPSK	Bottom	10mm	\	\	19.20	21.00	0.326	**0.493**	0.175	**0.265**	0.05
6	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.07	16.60	0.188	**0.267**	0.096	**0.137**	-0.17
6	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.07	16.60	0.040	**0.057**	0.022	**0.031**	-0.02
6	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.02	16.60	0.490	**0.705**	0.222	**0.319**	0.05
6	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.07	16.60	0.511	**0.727**	0.240	**0.341**	-0.17
6	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.37	\	14.89	16.60	0.615	0.912	0.277	**0.411**	0.07
6	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.07	16.60	0.132	**0.188**	0.069	**0.098**	0.15
6	Head	N25	376500	1882.5	CP-OFDM 64QAM	Cheek Right	0mm	\	\	14.91	16.60	0.487	**0.719**	0.223	**0.329**	0.15
6	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Front	10mm	\	\	17.89	19.30	0.219	**0.303**	0.114	**0.158**	0.14
6	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.89	19.30	0.170	**0.235**	0.093	**0.129**	-0.17
6	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Left	10mm	\	\	17.75	19.30	0.487	**0.696**	0.238	**0.340**	-0.12
6	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Left	10mm	\	\	17.89	19.30	0.493	**0.682**	0.241	**0.333**	0.01
6	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.38	\	17.62	19.30	0.648	0.954	0.320	**0.471**	0.05
6	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Top	10mm	\	\	17.89	19.30	0.071	**0.098**	0.042	**0.058**	0.08
6	Body	N25	376500	1882.5	CP-OFDM QPSK	Left	10mm	\	\	17.83	19.30	0.481	**0.675**	0.222	**0.311**	0.14
0	Head	N26	169300	846.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	20.51	22.40	0.321	**0.496**	0.169	**0.261**	-0.19
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	20.69	22.40	0.360	**0.534**	0.175	**0.259**	-0.03
0	Head	N26	163300	816.5	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.39	Note1	20.57	22.40	0.591	0.901	0.295	**0.450**	-0.02
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	20.69	22.40	0.047	**0.070**	0.021	**0.031**	-0.09
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	20.69	22.40	0.127	**0.188**	0.075	**0.111**	0.17
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	20.69	22.40	0.041	**0.061**	0.018	**0.027**	0.16
0	Head	N26	166300	831.5	CP-OFDM 16QAM	Cheek Left	0mm	\	Note1	20.66	22.40	0.347	**0.518**	0.164	**0.245**	0.08
0	Head	N26	169300	846.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	19.51	21.50	0.109	**0.172**	0.061	**0.096**	-0.14
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	19.57	21.50	0.122	**0.190**	0.063	**0.098**	0.17
0	Head	N26	163300	816.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	19.51	21.50	0.201	0.318	0.107	**0.169**	0.1
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	19.57	21.50	0.016	**0.025**	0.008	**0.012**	0.04
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note2	19.57	21.50	0.043	**0.067**	0.027	**0.042**	0.07
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note2	19.57	21.50	0.014	**0.022**	0.007	**0.011**	-0.17
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Front	10mm	\	\	20.69	22.40	0.190	**0.282**	0.116	**0.172**	-0.01
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.69	22.40	0.170	**0.252**	0.105	**0.156**	-0.09
0	Body	N26	169300	846.5	DFT-s-OFDM QPSK	Left	10mm	\	\	20.51	22.40	0.326	**0.504**	0.179	**0.277**	0.16
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Left	10mm	\	\	20.69	22.40	0.363	**0.538**	0.201	**0.298**	0.17
0	Body	N26	163300	816.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.40	\	20.57	22.40	0.419	0.639	0.236	**0.360**	-0.16
0	Body	N26	166300	831.5	CP-OFDM 16QAM	Left	10mm	\	\	20.66	22.40	0.358	**0.534**	0.192	**0.287**	0.14
1	Head	N26	169300	846.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.57	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.78	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N26	163300	816.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.64	25.00	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.78	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.78	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.78	25.40	<0.01	**<0.01**	<0.01	**<0.01**	
1	Head	N26	166300	831.5	CP-OFDM QPSK	Cheek Left	0mm	\	\	22.16	23.90	<0.01	**<0.01**	<0.01	**<0.01**	
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Front	10mm	\	\	23.78	25.40	0.074	**0.107**	0.040	**0.058**	0.08
1	Body	N26	169300	846.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.57	25.40	0.079	**0.120**	0.047	**0.072**	0.06
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.78	25.40	0.092	**0.134**	0.057	**0.083**	-0.06
1	Body	N26	163300	816.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.64	25.00	0.131	0.179	0.079	**0.108**	-0.15
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Left	10mm	\	\	23.78	25.40	0.045	**0.065**	0.021	**0.030**	-0.04
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	23.78	25.40	0.076	**0.110**	0.036	**0.052**	0.08
1	Body	N26	166300	831.5	CP-OFDM QPSK	Rear	10mm	\	\	22.16	23.90	0.075	**0.112**	0.038	**0.057**	-0.06

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.44	25.40	0.027	**0.034**	0.010	**0.012**	0.13
5	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.44	25.40	0.018	**0.022**	0.005	**0.006**	-0.17
5	Head	N38	523000	2615	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.35	25.40	0.159	**0.202**	0.083	**0.106**	-0.09
5	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.44	25.40	0.152	**0.190**	0.079	**0.099**	0.01
5	Head	N38	515000	2575	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.37	25.40	0.161	**0.204**	0.084	**0.106**	0.12
5	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.44	25.40	0.047	**0.059**	0.022	**0.027**	0.08
5	Head	N38	519000	2595	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.97	23.90	0.127	**0.157**	0.058	**0.072**	0.14
5	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	20.52	21.50	0.220	**0.276**	0.160	**0.201**	-0.01
5	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.52	21.50	0.276	**0.346**	0.195	**0.244**	0.11
5	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	\	20.52	21.50	0.100	**0.125**	0.075	**0.094**	-0.17
5	Body	N38	523000	2615	DFT-s-OFDM QPSK	Bottom	10mm	\	\	20.36	21.50	0.489	**0.636**	0.339	**0.441**	-0.01
5	Body	N38	519000	2595	DFT-s-OFDM QPSK	Bottom	10mm	\	\	20.52	21.50	0.466	**0.584**	0.332	**0.416**	0.16
5	Body	N38	515000	2575	DFT-s-OFDM QPSK	Bottom	10mm	\	\	20.40	21.50	0.451	**0.581**	0.322	**0.415**	-0.1
5	Body	N38	519000	2595	CP-OFDM QPSK	Bottom	10mm	\	\	20.46	21.50	0.437	**0.555**	0.318	**0.404**	0.11
6	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.68	18.30	0.077	**0.089**	0.037	**0.043**	-0.12
6	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.68	18.30	0.031	**0.036**	0.010	**0.012**	-0.09
6	Head	N38	523000	2615	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.58	18.30	0.244	**0.288**	0.093	**0.110**	0.17
6	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.68	18.30	0.219	**0.253**	0.080	**0.092**	-0.15
6	Head	N38	515000	2575	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.54	18.30	0.233	**0.278**	0.090	**0.107**	-0.1
6	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	17.68	18.30	0.047	**0.054**	0.021	**0.024**	0.16
6	Head	N38	519000	2595	CP-OFDM QPSK	Cheek Right	0mm	\	\	17.63	18.30	0.207	**0.242**	0.074	**0.086**	0.12
6	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	17.57	18.90	0.038	**0.052**	0.019	**0.026**	0.1
6	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.57	18.90	0.030	**0.041**	0.016	**0.022**	0.03
6	Body	N38	523000	2615	DFT-s-OFDM QPSK	Left	10mm	\	\	17.49	18.90	0.147	**0.203**	0.066	**0.091**	0.12
6	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	\	17.57	18.90	0.153	**0.208**	0.069	**0.094**	-0.07
6	Body	N38	515000	2575	DFT-s-OFDM QPSK	Left	10mm	\	\	17.44	18.90	0.144	**0.202**	0.065	**0.091**	0.19
6	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	\	17.57	18.90	0.026	**0.035**	0.013	**0.018**	-0.08
6	Body	N38	519000	2595	CP-OFDM QPSK	Left	10mm	\	\	17.50	18.90	0.147	**0.203**	0.066	**0.091**	0.15
7	Head	N38	523000	2615	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.08	17.40	0.406	**0.550**	0.162	**0.220**	-0.02
7	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.41	\	16.20	17.40	0.466	**0.614**	0.184	**0.243**	0.18
7	Head	N38	515000	2575	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.16	17.40	0.368	**0.490**	0.139	**0.185**	0.19
7	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	16.20	17.40	0.046	**0.061**	0.022	**0.029**	0.07
7	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.20	17.40	0.144	**0.190**	0.072	**0.095**	-0.04
7	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.20	17.40	0.069	**0.091**	0.039	**0.051**	0.06
7	Head	N38	519000	2595	CP-OFDM QPSK	Cheek Left	0mm	\	\	16.11	17.40	0.448	**0.603**	0.176	**0.237**	0.02
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	Note1	18.45	19.90	0.219	**0.306**	0.104	**0.145**	-0.05
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	Note1	18.45	19.90	0.152	**0.212**	0.076	**0.106**	0.1
7	Body	N38	523000	2615	DFT-s-OFDM QPSK	Right	10mm	\	Note1	18.30	19.90	0.598	**0.864**	0.270	**0.390**	0.16
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	Note1	18.45	19.90	0.710	**0.991**	0.308	**0.430**	-0.11
7	Body	N38	515000	2575	DFT-s-OFDM QPSK	Right	10mm	FIG A.42	Note1	18.39	19.90	0.780	**1.104**	0.349	**0.494**	-0.19
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	Note1	18.45	19.90	0.061	**0.085**	0.031	**0.043**	-0.18
7	Body	N38	519000	2595	CP-OFDM QPSK	Right	10mm	\	Note1	18.43	19.90	0.694	**0.974**	0.296	**0.415**	0.05
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	Note2	16.47	18.10	0.160	**0.233**	0.076	**0.111**	0.18
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	Note2	16.47	18.10	0.111	**0.162**	0.056	**0.082**	0.03
7	Body	N38	523000	2615	DFT-s-OFDM QPSK	Right	10mm	\	Note2	16.35	18.10	0.437	**0.654**	0.198	**0.296**	-0.1
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	Note2	16.47	18.10	0.519	**0.755**	0.226	**0.329**	0.01
7	Body	N38	515000	2575	DFT-s-OFDM QPSK	Right	10mm	\	Note2	16.43	18.10	0.570	**0.837**	0.256	**0.376**	0.06
7	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	Note2	16.47	18.10	0.045	**0.065**	0.023	**0.033**	-0.11
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	12.11	13.50	0.091	**0.125**	0.049	**0.067**	0.05
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	12.11	13.50	0.135	**0.186**	0.068	**0.094**	-0.07
4	Head	N38	523000	2615	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	12.00	13.50	0.207	**0.292**	0.109	**0.154**	-0.03
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	12.11	13.50	0.206	**0.284**	0.112	**0.154**	-0.18
4	Head	N38	515000	2575	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	12.06	13.50	0.250	**0.348**	0.128	**0.178**	0.14
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	12.11	13.50	0.199	**0.274**	0.105	**0.145**	0.19
4	Head	N38	519000	2595	CP-OFDM QPSK	Cheek Right	0mm	\	\	12.11	13.50	0.201	**0.277**	0.107	**0.147**	0.11
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	13.58	14.80	0.043	**0.057**	0.044	**0.058**	0.07
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	13.58	14.80	0.033	**0.044**	0.034	**0.045**	0.03
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	\	13.58	14.80	0.027	**0.036**	0.024	**0.032**	-0.02
4	Body	N38	523000	2615	DFT-s-OFDM QPSK	Top	10mm	\	\	13.46	14.80	0.133	**0.181**	0.123	**0.167**	-0.14
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	\	13.58	14.80	0.136	**0.180**	0.124	**0.164**	0.01
4	Body	N38	515000	2575	DFT-s-OFDM QPSK	Top	10mm	\	\	13.52	14.80	0.141	**0.189**	0.128	**0.172**	0.08
4	Body	N38	519000	2595	CP-OFDM QPSK	Top	10mm	\	\	13.58	14.80	0.127	**0.168**	0.116	**0.154**	0.15

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	26.40	26.50	0.131	**0.134**	0.071	**0.073**	0.13
5	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	26.40	26.50	0.042	**0.043**	0.021	**0.021**	0.17
5	Head	N41	537000	2685	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.78	26.50	0.148	**0.220**	0.077	**0.114**	0.09
5	Head	N41	527799	2639	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	26.05	26.50	0.152	**0.169**	0.079	**0.088**	-0.05
5	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	26.40	26.50	0.238	**0.244**	0.128	**0.131**	0.08
5	Head	N41	509406	2455.02	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	25.33	26.50	0.153	**0.200**	0.081	**0.106**	0.03
5	Head	N41	500205	2501.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	25.36	26.50	0.139	**0.181**	0.073	**0.095**	0.14
5	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	26.40	26.50	0.110	**0.113**	0.058	**0.059**	0.18
5	Head	N41	518598	2592.99	CP-OFDM QPSK	Cheek Right	0mm	\	\	24.88	25.00	0.192	**0.197**	0.103	**0.106**	0.14
5	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	19.05	19.90	0.187	**0.227**	0.093	**0.113**	-0.04
5	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.05	19.90	0.208	**0.253**	0.103	**0.125**	0.15
5	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	10mm	\	\	19.05	19.90	0.103	**0.125**	0.052	**0.063**	-0.19
5	Body	N41	537000	2685	DFT-s-OFDM QPSK	Bottom	10mm	\	\	18.92	19.90	0.252	**0.316**	0.113	**0.142**	0.19
5	Body	N41	527799	2639	DFT-s-OFDM QPSK	Bottom	10mm	\	\	18.93	19.90	0.255	**0.319**	0.117	**0.146**	-0.02
5	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	\	\	19.05	19.90	0.264	**0.321**	0.126	**0.153**	0.04
5	Body	N41	509406	2455.02	DFT-s-OFDM QPSK	Bottom	10mm	\	\	18.81	19.90	0.243	**0.312**	0.106	**0.136**	-0.14
5	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Bottom	10mm	\	\	18.75	19.90	0.240	**0.313**	0.104	**0.136**	0.14
5	Body	N41	518598	2592.99	CP-OFDM QPSK	Bottom	10mm	\	\	18.93	19.90	0.247	**0.309**	0.116	**0.145**	0.18
6	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	18.57	19.60	0.129	**0.164**	0.067	**0.085**	0.05
6	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	18.57	19.60	0.038	**0.048**	0.018	**0.023**	-0.07
6	Head	N41	537000	2685	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.56	19.60	0.357	**0.454**	0.140	**0.178**	0.03
6	Head	N41	527799	2639	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.55	19.60	0.336	**0.428**	0.131	**0.167**	0.05
6	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.57	19.60	0.230	**0.292**	0.109	**0.138**	-0.05
6	Head	N41	509406	2455.02	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.37	19.60	0.305	**0.405**	0.119	**0.158**	-0.13
6	Head	N41	500205	2501.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.11	19.60	0.308	**0.434**	0.126	**0.178**	-0.07
6	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	18.57	19.60	0.072	**0.091**	0.036	**0.046**	-0.05
6	Head	N41	518598	2592.99	CP-OFDM QPSK	Cheek Right	0mm	\	\	18.42	19.60	0.204	**0.268**	0.093	**0.122**	0.07
6	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	18.31	19.20	0.060	**0.074**	0.029	**0.036**	-0.17
6	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.31	19.20	0.046	**0.056**	0.024	**0.029**	0.18
6	Body	N41	537000	2685	DFT-s-OFDM QPSK	Left	10mm	\	\	18.29	19.20	0.226	**0.279**	0.101	**0.125**	-0.19
6	Body	N41	527799	2639	DFT-s-OFDM QPSK	Left	10mm	\	\	18.26	19.20	0.212	**0.263**	0.095	**0.118**	0.14
6	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	\	18.31	19.20	0.198	**0.243**	0.092	**0.113**	0.04
6	Body	N41	509406	2455.02	DFT-s-OFDM QPSK	Left	10mm	\	\	18.08	19.20	0.205	**0.265**	0.091	**0.118**	-0.17
6	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Left	10mm	\	\	17.85	19.20	0.203	**0.277**	0.091	**0.124**	-0.01
6	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	\	18.31	19.20	0.040	**0.049**	0.022	**0.027**	0.12
6	Body	N41	518598	2592.99	CP-OFDM QPSK	Left	10mm	\	\	18.17	19.20	0.164	**0.208**	0.083	**0.105**	0.15
7	Head	N41	537000	2685	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	14.82	16.20	0.197	**0.271**	0.073	**0.100**	-0.01
7	Head	N41	527799	2639	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	14.85	16.20	0.230	**0.314**	0.092	**0.126**	0.01
7	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.04	16.20	0.259	**0.338**	0.089	**0.116**	0.04
7	Head	N41	509406	2455.02	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	14.89	16.20	0.313	**0.423**	0.126	**0.170**	0.18
7	Head	N41	500205	2501.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	14.80	16.20	0.341	**0.471**	0.136	**0.188**	0.15
7	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.04	16.20	0.054	**0.071**	0.023	**0.030**	-0.07
7	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.04	16.20	0.096	**0.125**	0.041	**0.054**	-0.08
7	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.04	16.20	0.029	**0.038**	0.014	**0.018**	-0.08
7	Head	N41	518598	2592.99	CP-OFDM 256QAM	Cheek Left	0mm	\	\	14.96	16.20	0.238	**0.317**	0.081	**0.108**	0.15
7	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	17.60	18.50	0.138	**0.170**	0.052	**0.064**	0.11
7	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.60	18.50	0.096	**0.118**	0.041	**0.050**	-0.01
7	Body	N41	537000	2685	DFT-s-OFDM QPSK	Right	10mm	\	\	17.53	18.50	0.309	**0.386**	0.171	**0.214**	-0.17
7	Body	N41	527799	2639	DFT-s-OFDM QPSK	Right	10mm	\	\	17.44	18.50	0.374	**0.477**	0.207	**0.264**	0.1
7	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	10mm	\	\	17.60	18.50	0.455	**0.560**	0.216	**0.266**	-0.06
7	Body	N41	509406	2455.02	DFT-s-OFDM QPSK	Right	10mm	FIG A.44	\	17.53	18.50	0.512	**0.640**	0.232	**0.290**	0.08
7	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Right	10mm	\	\	17.28	18.50	0.481	**0.637**	0.209	**0.277**	0.14
7	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	\	17.60	18.50	0.069	**0.085**	0.033	**0.041**	0.12
7	Body	N41	518598	2592.99	CP-OFDM 256QAM	Right	10mm	\	\	17.59	18.50	0.436	**0.538**	0.228	**0.281**	0.15
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.84	16.70	0.183	**0.223**	0.087	**0.106**	-0.17
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.84	16.70	0.260	**0.317**	0.117	**0.143**	-0.09
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.84	16.70	0.266	**0.324**	0.133	**0.162**	0.05
4	Head	N41	537000	2685	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.74	16.70	0.300	**0.374**	0.142	**0.177**	-0.04
4	Head	N41	527799	2639	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.67	16.70	0.321	**0.407**	0.151	**0.191**	-0.13
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.84	16.70	0.375	**0.457**	0.174	**0.212**	-0.09
4	Head	N41	509406	2455.02	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.68	16.70	0.389	**0.492**	0.179	**0.226**	0.19
4	Head	N41	500205	2501.01	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.43	\	15.67	16.70	0.428	**0.543**	0.197	**0.250**	-0.08
4	Head	N41	518598	2592.99	CP-OFDM 256QAM	Tilt Right	0mm	\	\	15.84	16.70	0.361	**0.440**	0.167	**0.204**	0.02
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	16.31	16.31	0.051	**0.051**	0.029	**0.029**	-0.05
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	16.31	16.31	0.038	**0.038**	0.022	**0.022**	-0.01
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	\	16.31	16.31	0.029	**0.029**	0.018	**0.018**	-0.13
4	Body	N41	537000	2685	DFT-s-OFDM QPSK	Top	10mm	\	\	16.21	18.00	0.139	**0.210**	0.068	**0.103**	-0.04
4	Body	N41	527799	2639	DFT-s-OFDM QPSK	Top	10mm	\	\	16.14	18.00	0.149	**0.229**	0.072	**0.110**	0.15
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	\	16.31	18.00	0.173	**0.255**	0.085	**0.125**	-0.12
4	Body	N41	509406	2455.02	DFT-s-OFDM QPSK	Top	10mm	\	\	16.15	18.00	0.144	**0.220**	0.072	**0.110**	0.12
4	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Top	10mm	\	\	16.14	18.00	0.122	**0.187**	0.062	**0.095**	-0.07
4	Body	N41	518598	2592.99	CP-OFDM 256QAM	Top	10mm	\	\	16.31	18.00	0.164	**0.242**	0.079	**0.117**	0.11

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.29	24.20	0.037	**0.046**	0.016	**0.020**	-0.09
5	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.29	24.20	0.028	**0.035**	0.013	**0.016**	-0.14
5	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.23	24.20	0.062	**0.078**	0.037	**0.046**	0.02
5	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.29	24.20	0.071	**0.088**	0.043	**0.053**	-0.11
5	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.11	24.20	0.066	**0.085**	0.040	**0.051**	0.06
5	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.29	24.20	0.026	**0.032**	0.012	**0.015**	-0.15
5	Head	N66	349000	1745	CP-OFDM QPSK	Cheek Right	0mm	\	\	21.81	22.70	0.059	**0.072**	0.034	**0.042**	0.06
5	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	20.64	22.20	0.183	**0.262**	0.105	**0.150**	-0.14
5	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.64	22.20	0.204	**0.292**	0.116	**0.166**	0.18
5	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	\	20.64	22.20	0.094	**0.135**	0.052	**0.074**	-0.05
5	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	20.55	22.20	0.354	**0.518**	0.192	**0.281**	-0.12
5	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	\	\	20.64	22.20	0.362	**0.518**	0.197	**0.282**	-0.16
5	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	20.37	22.20	0.339	**0.517**	0.184	**0.280**	-0.18
5	Body	N66	349000	1745	CP-OFDM QPSK	Bottom	10mm	\	\	20.55	22.20	0.318	**0.465**	0.165	**0.241**	0.06
6	Head	N66	355500	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	14.45	15.50	0.199	**0.253**	0.099	**0.126**	0.1
6	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	14.45	15.50	0.101	**0.129**	0.046	**0.059**	0.01
6	Head	N66	349000	1777.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.45	\	14.31	15.50	0.754	**0.992**	0.320	**0.421**	0.17
6	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	14.45	15.50	0.590	**0.751**	0.255	**0.325**	-0.14
6	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	14.35	15.50	0.490	**0.639**	0.219	**0.285**	0.18
6	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	14.45	15.50	0.172	**0.219**	0.081	**0.103**	-0.11
6	Head	N66	349000	1745	CP-OFDM 256QAM	Cheek Right	0mm	\	\	14.44	15.50	0.568	**0.725**	0.248	**0.317**	0.06
6	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	17.61	19.00	0.192	**0.264**	0.100	**0.138**	0.11
6	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.61	19.00	0.155	**0.213**	0.082	**0.113**	-0.15
6	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.46	\	17.52	19.00	0.580	**0.816**	0.289	**0.406**	-0.15
6	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	17.61	19.00	0.463	**0.638**	0.221	**0.304**	-0.12
6	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Left	10mm	\	\	17.41	19.00	0.410	**0.591**	0.207	**0.299**	-0.18
6	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	\	17.61	19.00	0.075	**0.103**	0.042	**0.058**	0.03
6	Body	N66	349000	1745	CP-OFDM QPSK	Left	10mm	\	\	17.56	19.00	0.436	**0.607**	0.211	**0.294**	0.15
	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.79	17.50	0.427	**0.633**	0.197	**0.292**	0.14
7	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.80	17.50	0.412	**0.609**	0.196	**0.290**	-0.15
7	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.77	17.50	0.356	**0.530**	0.171	**0.255**	-0.09
7	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.80	17.50	0.064	**0.095**	0.035	**0.052**	-0.03
7	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.80	17.50	0.167	**0.247**	0.094	**0.139**	0.1
7	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.80	17.50	0.033	**0.049**	0.020	**0.030**	0.09
7	Head	N66	349000	1745	CP-OFDM QPSK	Cheek Left	0mm	\	\	15.72	17.50	0.406	**0.612**	0.191	**0.288**	0.11
7	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	19.28	21.00	0.216	**0.321**	0.111	**0.165**	0.07
7	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.28	21.00	0.134	**0.199**	0.074	**0.110**	0.14
7	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Right	10mm	\	\	19.27	21.00	0.257	**0.383**	0.138	**0.206**	-0.18
7	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	\	19.28	21.00	0.284	**0.422**	0.151	**0.224**	-0.19
7	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Right	10mm	\	\	19.24	21.00	0.182	**0.273**	0.100	**0.150**	0.02
7	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	\	19.28	21.00	0.065	**0.097**	0.032	**0.048**	-0.16
7	Body	N66	349000	1745	CP-OFDM QPSK	Right	10mm	\	\	19.19	21.00	0.268	**0.407**	0.142	**0.215**	0.03
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	13.76	15.00	0.058	**0.077**	0.036	**0.048**	0.05
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	13.76	15.00	0.082	**0.109**	0.048	**0.064**	0.02
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	13.76	15.00	0.115	**0.153**	0.069	**0.092**	0.13
4	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	13.75	15.00	0.127	**0.169**	0.067	**0.089**	0.17
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	13.76	15.00	0.128	**0.170**	0.067	**0.089**	-0.06
4	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	13.74	15.00	0.135	**0.180**	0.071	**0.095**	-0.03
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	12.74	14.00	0.031	**0.041**	0.015	**0.020**	-0.08
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	12.74	14.00	0.035	**0.047**	0.016	**0.021**	0.11
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	12.74	14.00	0.025	**0.033**	0.009	**0.012**	-0.19
4	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Top	10mm	\	\	12.73	14.00	0.054	**0.072**	0.030	**0.040**	0.08
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	\	12.74	14.00	0.059	**0.079**	0.033	**0.044**	0.1
4	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Top	10mm	\	\	12.72	14.00	0.055	**0.074**	0.031	**0.042**	-0.09

15.3 SAR results for WLAN

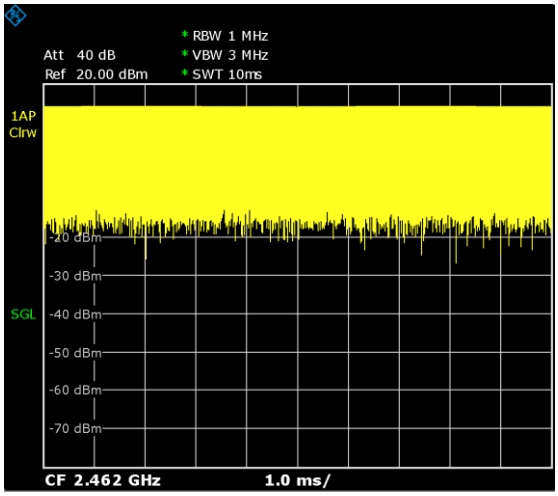
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures.

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n ac then ax) is selected.

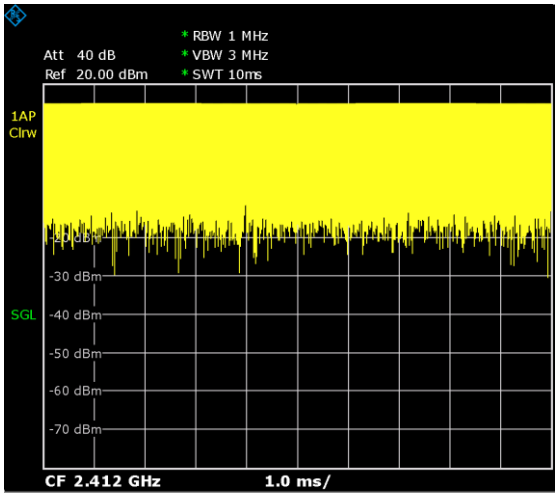
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band. Additional output power measurements were not deemed necessary.

Duty factor plot

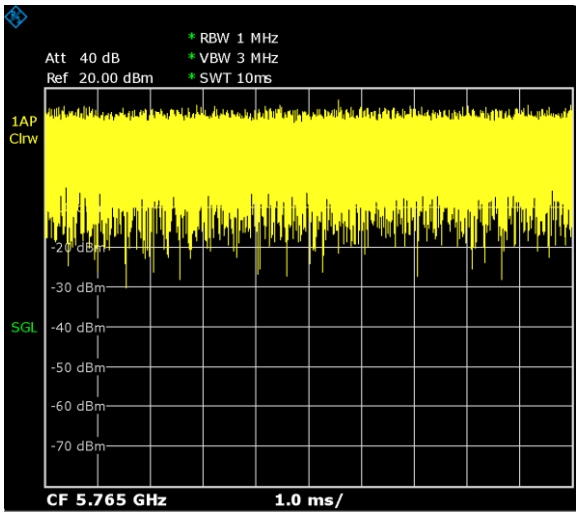
CH11 ANT12



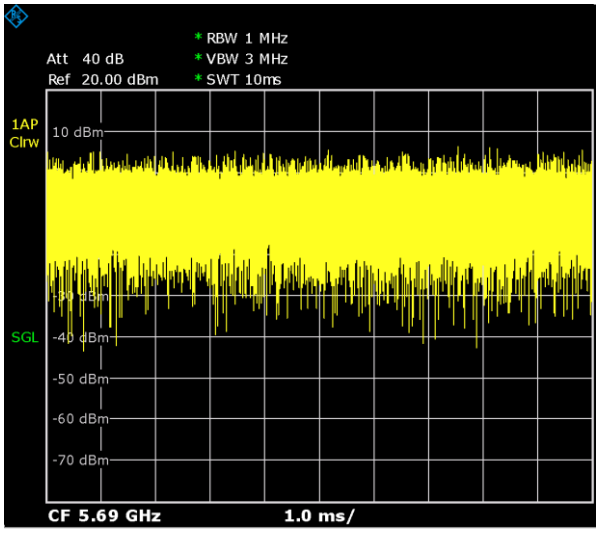
CH1 ANT7



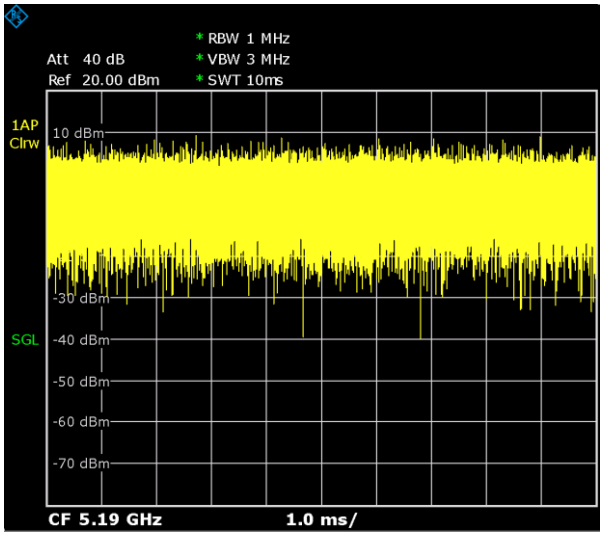
CH153 ANT9



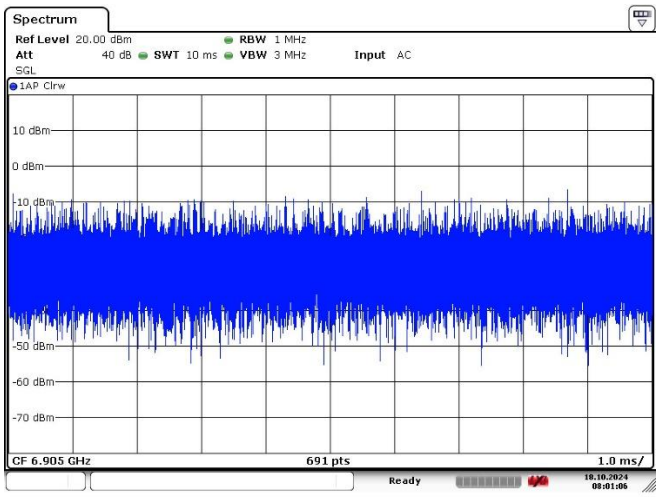
CH138 ANT10



CH38 ANT14



CH191 ANT9



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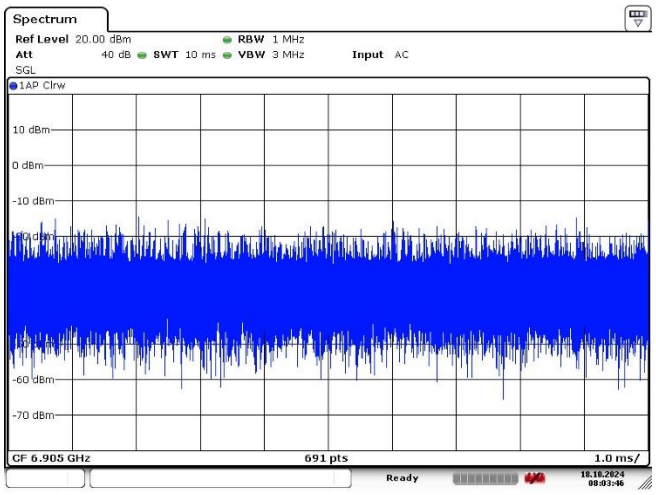

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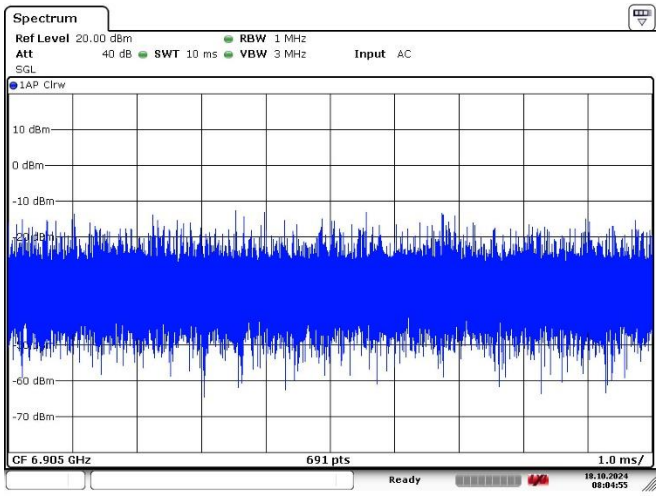

WLAN 2.4G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
12	Head	WLAN2.4G	1	2412	11b	Cheek Left	0mm	\	Note1	100.00%	16.59	18.00	0.343	**0.475**	0.166	**0.230**	0.13
12	Head	WLAN2.4G	11	2462	11b	Tilt Left	0mm	FIG A.47	Note1	100.00%	16.15	18.00	0.686	**1.050**	0.323	**0.495**	0.11
12	Head	WLAN2.4G	6	2437	11b	Tilt Left	0mm	\	Note1	100.00%	16.13	18.00	0.545	**0.838**	0.276	**0.425**	0.08
12	Head	WLAN2.4G	1	2412	11b	Tilt Left	0mm	\	Note1	100.00%	16.59	18.00	0.583	**0.807**	0.269	**0.372**	0.02
12	Head	WLAN2.4G	1	2412	11b	Cheek Right	0mm	\	Note1	100.00%	16.59	18.00	0.276	**0.382**	0.150	**0.208**	0.14
12	Head	WLAN2.4G	1	2412	11b	Tilt Right	0mm		Note1	100.00%	16.59	18.00	0.3	**0.415**	0.151	**0.209**	-0.08
12	Head	WLAN2.4G	1	2412	11b	Cheek Left	0mm	\	Note2	100.00%	13.19	15.00	0.183	**0.278**	0.094	**0.143**	0.1
12	Head	WLAN2.4G	1	2412	11b	Tilt Left	0mm	\	Note2	100.00%	13.19	15.00	0.311	**0.472**	0.152	**0.231**	-0.12
12	Head	WLAN2.4G	1	2412	11b	Cheek Right	0mm	\	Note2	100.00%	13.19	15.00	0.147	**0.223**	0.085	**0.129**	0.09
12	Head	WLAN2.4G	1	2412	11b	Tilt Right	0mm	\	Note2	100.00%	13.19	15.00	0.16	**0.243**	0.085	**0.129**	0.13
										100.00%							
12	Body	WLAN2.4G	1	2412	11b	Front	10mm	\	\	100.00%	16.59	18.00	0.081	**0.112**	0.049	**0.068**	-0.08
12	Body	WLAN2.4G	1	2412	11b	Rear	10mm	\	\	100.00%	16.59	18.00	0.054	**0.075**	0.033	**0.046**	0.16
12	Body	WLAN2.4G	1	2412	11b	Right	10mm	\	\	100.00%	16.59	18.00	0.055	**0.076**	0.024	**0.033**	0.13
12	Body	WLAN2.4G	1	2412	11b	Top	10mm	\	\	100.00%	16.59	18.00	0.196	**0.271**	0.101	**0.140**	-0.16
7	Head	WLAN2.4G	1	2412	11b	Cheek Left	0mm	\	Note1	100.00%	16.33	18.00	0.533	**0.783**	0.184	**0.270**	0.13
7	Head	WLAN2.4G	1	2412	11b	Tilt Left	0mm	\	Note1	100.00%	16.33	18.00	0.090	**0.132**	0.033	**0.048**	0.15
7	Head	WLAN2.4G	1	2412	11b	Cheek Right	0mm	\	Note1	100.00%	16.33	18.00	0.394	**0.579**	0.139	**0.204**	-0.04
7	Head	WLAN2.4G	1	2412	11b	Tilt Right	0mm	\	Note1	100.00%	16.33	18.00	0.061	**0.090**	0.023	**0.034**	-0.1
7	Head	WLAN2.4G	1	2412	11b	Cheek Left	0mm	\	Note2	100.00%	13.55	15.00	0.339	**0.473**	0.142	**0.198**	0.17
7	Head	WLAN2.4G	1	2412	11b	Tilt Left	0mm	\	Note2	100.00%	13.55	15.00	0.057	**0.080**	0.025	**0.035**	-0.12
7	Head	WLAN2.4G	1	2412	11b	Cheek Right	0mm	\	Note2	100.00%	13.55	15.00	0.251	**0.350**	0.107	**0.149**	-0.07
7	Head	WLAN2.4G	1	2412	11b	Tilt Right	0mm	\	Note2	100.00%	13.55	15.00	0.039	**0.054**	0.018	**0.025**	-0.19
7	Body	WLAN2.4G	1	2412	11b	Front	10mm	\	\	100.00%	16.33	18.00	0.129	**0.189**	0.068	**0.100**	0.17
7	Body	WLAN2.4G	1	2412	11b	Rear	10mm	\	\	100.00%	16.33	18.00	0.072	**0.106**	0.044	**0.065**	-0.1
7	Body	WLAN2.4G	1	2412	11b	Right	10mm	\	\	100.00%	16.33	18.00	0.231	**0.339**	0.115	**0.169**	0.15
7	Body	WLAN2.4G	1	2412	11b	Top	10mm	\	\	100.00%	16.33	18.00	0.056	**0.082**	0.028	**0.041**	0.16
MIMO	Head	WLAN2.4G	1	2412	11b	Cheek Left	0mm	\	\	100.00%	17.19	18.50	0.313	**0.423**	0.131	**0.177**	0.09
MIMO	Head	WLAN2.4G	1	2412	11b	Tilt Left	0mm	\	\	100.00%	17.19	18.50	0.133	**0.180**	0.072	**0.097**	0.13
MIMO	Head	WLAN2.4G	1	2412	11b	Cheek Right	0mm	\	\	100.00%	17.19	18.50	0.082	**0.111**	0.046	**0.062**	-0.1
MIMO	Head	WLAN2.4G	1	2412	11b	Tilt Right	0mm	\	\	100.00%	17.19	18.50	0.069	**0.093**	0.037	**0.050**	-0.09
MIMO	Body	WLAN2.4G	1	2412	11b	Front	10mm	\	\	100.00%	17.19	18.50	0.146	**0.197**	0.073	**0.099**	0.04
MIMO	Body	WLAN2.4G	1	2412	11b	Rear	10mm	\	\	100.00%	17.19	18.50	0.097	**0.131**	0.052	**0.070**	-0.07
MIMO	Body	WLAN2.4G	1	2412	11b	Right	10mm	FIG A.48	\	100.00%	17.19	18.50	0.275	**0.372**	0.126	**0.170**	-0.12
MIMO	Body	WLAN2.4G	1	2412	11b	Top	10mm	\	\	100.00%	17.19	18.50	0.146	**0.197**	0.069	**0.093**	-0.04

WLAN 5G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
9	Head	WLAN5G	38	5190	11n-40M	Cheek Left	0mm	\	Note1	100.00%	12.48	13.50	0.317	**0.401**	0.095	**0.120**	-0.18
9	Head	WLAN5G	38	5190	11n-40M	Tilt Left	0mm	\	Note1	100.00%	12.48	13.50	0.332	**0.420**	0.104	**0.132**	-0.11
9	Head	WLAN5G	38	5190	11n-40M	Cheek Right	0mm	\	Note1	100.00%	12.48	13.50	0.197	**0.249**	0.062	**0.078**	0.05
9	Head	WLAN5G	38	5190	11n-40M	Tilt Right	0mm	\	Note1	100.00%	12.48	13.50	0.292	**0.369**	0.087	**0.110**	-0.18
9	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	Note1	100.00%	12.04	13.50	0.328	**0.459**	0.093	**0.130**	-0.18
9	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	Note1	100.00%	12.04	13.50	0.385	**0.539**	0.109	**0.153**	0.17
9	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	Note1	100.00%	12.04	13.50	0.235	**0.329**	0.070	**0.098**	-0.14
9	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	Note1	100.00%	12.04	13.50	0.301	**0.421**	0.089	**0.125**	-0.05
9	Head	WLAN5G	106	5530	11ac-80M	Cheek Left	0mm	\	Note1	100.00%	11.62	13.50	0.346	**0.533**	0.092	**0.142**	0.09
9	Head	WLAN5G	106	5530	11ac-80M	Tilt Left	0mm	\	Note1	100.00%	11.62	13.50	0.401	**0.618**	0.103	**0.159**	0.06
9	Head	WLAN5G	106	5530	11ac-80M	Cheek Right	0mm	\	Note1	100.00%	11.62	13.50	0.224	**0.345**	0.072	**0.111**	-0.09
9	Head	WLAN5G	106	5530	11ac-80M	Tilt Right	0mm	\	Note1	100.00%	11.62	13.50	0.294	**0.453**	0.089	**0.137**	0.04
9	Head	WLAN5G	153	5765	11a	Cheek Left	0mm	\	Note1	100.00%	12.26	13.50	0.317	**0.422**	0.089	**0.118**	-0.11
9	Head	WLAN5G	153	5765	11a	Tilt Left	0mm	FIG A.49	Note1	100.00%	12.26	13.50	0.467	**0.621**	0.124	**0.165**	-0.04
9	Head	WLAN5G	153	5765	11a	Cheek Right	0mm	\	Note1	100.00%	12.26	13.50	0.199	**0.265**	0.067	**0.089**	-0.01
9	Head	WLAN5G	153	5765	11a	Tilt Right	0mm	\	Note1	100.00%	12.26	13.50	0.267	**0.355**	0.085	**0.113**	-0.05
9	Head	WLAN5G	38	5190	11n-40M	Cheek Left	0mm	\	Note2	100.00%	9.22	10.50	0.077	**0.103**	0.023	**0.031**	0.11
9	Head	WLAN5G	38	5190	11n-40M	Tilt Left	0mm	\	Note2	100.00%	9.22	10.50	0.080	**0.107**	0.025	**0.034**	-0.03
9	Head	WLAN5G	38	5190	11n-40M	Cheek Right	0mm	\	Note2	100.00%	9.22	10.50	0.048	**0.064**	0.015	**0.020**	-0.18
9	Head	WLAN5G	38	5190	11n-40M	Tilt Right	0mm	\	Note2	100.00%	9.22	10.50	0.071	**0.095**	0.021	**0.028**	0.14
9	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	Note2	100.00%	8.77	10.50	0.079	**0.118**	0.023	**0.034**	0.11
9	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	Note2	100.00%	8.77	10.50	0.093	**0.139**	0.026	**0.039**	-0.12
9	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	Note2	100.00%	8.77	10.50	0.057	**0.085**	0.017	**0.025**	0.17
9	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	Note2	100.00%	8.77	10.50	0.073	**0.109**	0.022	**0.033**	-0.03
9	Head	WLAN5G	138	5690	11ac-80M	Cheek Left	0mm	\	Note2	100.00%	9.07	10.50	0.084	**0.117**	0.022	**0.031**	0.1
9	Head	WLAN5G	138	5690	11ac-80M	Tilt Left	0mm	\	Note2	100.00%	9.07	10.50	0.103	**0.143**	0.029	**0.040**	-0.08
9	Head	WLAN5G	138	5690	11ac-80M	Cheek Right	0mm	\	Note2	100.00%	9.07	10.50	0.054	**0.075**	0.017	**0.024**	0.02
9	Head	WLAN5G	138	5690	11ac-80M	Tilt Right	0mm	\	Note2	100.00%	9.07	10.50	0.071	**0.099**	0.022	**0.031**	0.08
9	Head	WLAN5G	153	5765	11a	Cheek Left	0mm	\	Note2	100.00%	9.89	10.50	0.077	**0.089**	0.022	**0.025**	-0.12
9	Head	WLAN5G	153	5765	11a	Tilt Left	0mm	\	Note2	100.00%	9.89	10.50	0.113	**0.130**	0.030	**0.035**	0.11
9	Head	WLAN5G	153	5765	11a	Cheek Right	0mm	\	Note2	100.00%	9.89	10.50	0.048	**0.055**	0.016	**0.018**	-0.06
9	Head	WLAN5G	153	5765	11a	Tilt Right	0mm	\	Note2	100.00%	9.89	10.50	0.065	**0.075**	0.021	**0.024**	0.08
9	Body	WLAN5G	38	5190	11n-40M	Front	10mm	\	\	100.00%	13.24	14.50	0.093	**0.124**	0.025	**0.033**	-0.15
9	Body	WLAN5G	38	5190	11n-40M	Rear	10mm	\	\	100.00%	13.24	14.50	0.051	**0.068**	0.015	**0.020**	-0.03
9	Body	WLAN5G	38	5190	11n-40M	Right	10mm	\	\	100.00%	13.24	14.50	0.038	**0.051**	0.012	**0.016**	-0.14
9	Body	WLAN5G	38	5190	11n-40M	Top	10mm	\	\	100.00%	13.24	14.50	0.151	**0.202**	0.054	**0.072**	0.05
9	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	\	100.00%	13.10	14.50	0.093	**0.128**	0.033	**0.046**	0.11
9	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	\	100.00%	13.10	14.50	0.048	**0.066**	0.014	**0.019**	-0.11
9	Body	WLAN5G	58	5290	11ac-80M	Right	10mm	\	\	100.00%	13.10	14.50	0.035	**0.048**	0.009	**0.012**	-0.18
9	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	\	100.00%	13.10	14.50	0.162	**0.224**	0.058	**0.080**	-0.08
9	Body	WLAN5G	138	5690	11ac-80M	Front	10mm	\	\	100.00%	12.66	14.50	0.073	**0.112**	0.025	**0.038**	0.14
9	Body	WLAN5G	138	5690	11ac-80M	Rear	10mm	\	\	100.00%	12.66	14.50	0.050	**0.076**	0.015	**0.023**	0.02
9	Body	WLAN5G	138	5690	11ac-80M	Right	10mm	\	\	100.00%	12.66	14.50	0.039	**0.060**	0.012	**0.018**	-0.12
9	Body	WLAN5G	138	5690	11ac-80M	Top	10mm	\	\	100.00%	12.66	14.50	0.190	**0.290**	0.062	**0.095**	0.17
9	Body	WLAN5G	153	5765	11a	Front	10mm	\	\	100.00%	13.37	14.50	0.087	**0.113**	0.025	**0.032**	0.15
9	Body	WLAN5G	153	5765	11a	Rear	10mm	\	\	100.00%	13.37	14.50	0.062	**0.080**	0.017	**0.022**	0.12
9	Body	WLAN5G	153	5765	11a	Right	10mm	\	\	100.00%	13.37	14.50	0.049	**0.064**	0.014	**0.018**	-0.07
9	Body	WLAN5G	153	5765	11a	Top	10mm	\	\	100.00%	13.37	14.50	0.233	**0.302**	0.079	**0.102**	0.08
10	Head	WLAN5G	46	5230	11n-40M	Cheek Left	0mm	\	\	100.00%	12.00	13.50	0.026	**0.037**	0.005	**0.007**	-0.01
10	Head	WLAN5G	46	5230	11n-40M	Tilt Left	0mm	\	\	100.00%	12.00	13.50	0.025	**0.035**	0.004	**0.006**	0.11
10	Head	WLAN5G	46	5230	11n-40M	Cheek Right	0mm	\	\	100.00%	12.00	13.50	0.102	**0.144**	0.025	**0.035**	0.09
10	Head	WLAN5G	46	5230	11n-40M	Tilt Right	0mm	\	\	100.00%	12.00	13.50	0.043	**0.061**	0.011	**0.016**	0.1
10	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	\	100.00%	12.28	13.50	0.024	**0.032**	0.008	**0.011**	-0.15
10	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	\	100.00%	12.28	13.50	0.028	**0.037**	0.008	**0.011**	-0.06
10	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	\	100.00%	12.28	13.50	0.088	**0.117**	0.021	**0.028**	-0.12
10	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	\	100.00%	12.28	13.50	0.058	**0.077**	0.014	**0.019**	0.16
10	Head	WLAN5G	138	5690	11ac-80M	Cheek Left	0mm	\	\	100.00%	12.13	13.50	0.035	**0.048**	0.010	**0.014**	0.01
10	Head	WLAN5G	138	5690	11ac-80M	Tilt Left	0mm	\	\	100.00%	12.13	13.50	0.038	**0.052**	0.010	**0.014**	0.04
10	Head	WLAN5G	138	5690	11ac-80M	Cheek Right	0mm	\	\	100.00%	12.13	13.50	0.179	**0.245**	0.042	**0.058**	-0.12
10	Head	WLAN5G	138	5690	11ac-80M	Tilt Right	0mm	\	\	100.00%	12.13	13.50	0.085	**0.117**	0.020	**0.027**	0.01
10	Head	WLAN5G	157	5785	11a	Cheek Left	0mm	\	\	100.00%	12.70	13.50	0.034	**0.041**	0.009	**0.011**	-0.05
10	Head	WLAN5G	157	5785	11a	Tilt Left	0mm	\	\	100.00%	12.70	13.50	0.046	**0.055**	0.012	**0.014**	0.05
10	Head	WLAN5G	157	5785	11a	Cheek Right	0mm	\	\	100.00%	12.70	13.50	0.204	**0.245**	0.051	**0.061**	0.18
10	Head	WLAN5G	157	5785	11a	Tilt Right	0mm	\	\	100.00%	12.70	13.50	0.069	**0.083**	0.017	**0.020**	-0.08
10	Body	WLAN5G	46	5230	11n-40M	Front	10mm	\	\	100.00%	13.30	14.50	0.087	**0.115**	0.035	**0.046**	0.03
10	Body	WLAN5G	46	5230	11n-40M	Rear	10mm	\	\	100.00%	13.30	14.50	0.062	**0.082**	0.027	**0.036**	-0.02
10	Body	WLAN5G	46	5230	11n-40M	Left	10mm	\	\	100.00%	13.30	14.50	0.170	**0.224**	0.064	**0.084**	-0.02
10	Body	WLAN5G	46	5230	11n-40M	Top	10mm	\	\	100.00%	13.30	14.50	0.056	**0.074**	0.023	**0.030**	-0.05
10	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	\	100.00%	13.43	14.50	0.069	**0.088**	0.029	**0.037**	-0.02
10	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	\	100.00%	13.43	14.50	0.061	**0.078**	0.026	**0.033**	0.14
10	Body	WLAN5G	58	5290	11ac-80M	Left	10mm	\	\	100.00%	13.43	14.50	0.143	**0.183**	0.054	**0.069**	-0.12
10	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	\	100.00%	13.43	14.50	0.052	**0.067**	0.022	**0.028**	0
10	Body	WLAN5G	138	5690	11ac-80M	Front	10mm	\	\	100.00%	13.47	14.50	0.059	**0.075**	0.024	**0.030**	0.01
10	Body	WLAN5G	138	5690	11ac-80M	Rear	10mm	\	\	100.00%	13.47	14.50	0.134	**0.170**	0.056	**0.071**	-0.13
10	Body	WLAN5G	138	5690	11ac-80M	Left	10mm	FIG A.50	\	100.00%	13.47	14.50	0.357	**0.453**	0.139	**0.176**	0.13
10	Body	WLAN5G	138	5690	11ac-80M	Top	10mm	\	\	100.00%	13.47	14.50	0.131	**0.166**	0.055	**0.070**	0.18
10	Body	WLAN5G	161	5805	11a	Front	10mm	\	\	100.00%	13.98	14.50	0.053	**0.060**	0.021	**0.024**	-0.1
10	Body	WLAN5G	161	5805	11a	Rear	10mm	\	\	100.00%	13.98	14.50	0.042	**0.047**	0.017	**0.019**	-0.17
10	Body	WLAN5G	161	5805	11a	Left	10mm	\	\	100.00%	13.98	14.50	0.216	**0.243**	0.081	**0.091**	0.16
10	Body	WLAN5G	161	5805	11a	Top	10mm	\	\	100.00%	13.98	14.50	0.085	**0.096**	0.037	**0.042**	0.07

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR1g (W/kg)	Calculated SAR1g (W/kg)	Measured SAR10g (W/kg)	Calculated SAR10g (W/kg)	Power Drift
14	Head	WLAN5G	38	5190	11n-40M	Cheek Left	0mm	\	\	100.00%	12.35	13.50	0.213	**0.278**	0.050	**0.065**	0.18
14	Head	WLAN5G	38	5190	11n-40M	Tilt Left	0mm	\	\	100.00%	12.35	13.50	0.266	**0.347**	0.059	**0.077**	0.12
14	Head	WLAN5G	38	5190	11n-40M	Cheek Right	0mm	\	\	100.00%	12.35	13.50	0.142	**0.185**	0.035	**0.046**	0.03
14	Head	WLAN5G	38	5190	11n-40M	Tilt Right	0mm	\	\	100.00%	12.35	13.50	0.185	**0.241**	0.044	**0.057**	-0.12
14	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	\	100.00%	12.62	13.50	0.190	**0.233**	0.043	**0.053**	-0.04
14	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	\	100.00%	12.62	13.50	0.254	**0.311**	0.054	**0.066**	-0.07
14	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	\	100.00%	12.62	13.50	0.131	**0.160**	0.033	**0.040**	-0.07
14	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	\	100.00%	12.62	13.50	0.160	**0.196**	0.039	**0.048**	-0.19
14	Head	WLAN5G	138	5690	11ac-80M	Cheek Left	0mm	\	\	100.00%	12.35	13.50	0.144	**0.188**	0.034	**0.044**	-0.16
14	Head	WLAN5G	138	5690	11ac-80M	Tilt Left	0mm	\	\	100.00%	12.35	13.50	0.221	**0.288**	0.046	**0.060**	-0.1
14	Head	WLAN5G	138	5690	11ac-80M	Cheek Right	0mm	\	\	100.00%	12.35	13.50	0.099	**0.129**	0.026	**0.034**	-0.08
14	Head	WLAN5G	138	5690	11ac-80M	Tilt Right	0mm	\	\	100.00%	12.35	13.50	0.113	**0.147**	0.031	**0.040**	0.19
14	Head	WLAN5G	165	5825	11a	Cheek Left	0mm	\	\	100.00%	12.09	13.50	0.116	**0.160**	0.029	**0.040**	0.15
14	Head	WLAN5G	165	5825	11a	Tilt Left	0mm	\	\	100.00%	12.09	13.50	0.129	**0.178**	0.034	**0.047**	-0.14
14	Head	WLAN5G	165	5825	11a	Cheek Right	0mm	\	\	100.00%	12.09	13.50	0.087	**0.120**	0.025	**0.035**	0.16
14	Head	WLAN5G	165	5825	11a	Tilt Right	0mm	\	\	100.00%	12.09	13.50	0.120	**0.166**	0.030	**0.042**	0.14
14	Body	WLAN5G	46	5230	11n-40M	Front	10mm	\	\	100.00%	13.49	14.50	0.123	**0.155**	0.045	**0.057**	0.06
14	Body	WLAN5G	46	5230	11n-40M	Rear	10mm	\	\	100.00%	13.49	14.50	0.069	**0.087**	0.021	**0.027**	-0.07
14	Body	WLAN5G	46	5230	11n-40M	Right	10mm	\	\	100.00%	13.49	14.50	0.061	**0.077**	0.019	**0.024**	0.06
14	Body	WLAN5G	46	5230	11n-40M	Top	10mm	\	\	100.00%	13.49	14.50	0.194	**0.245**	0.074	**0.093**	-0.15
14	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	\	100.00%	13.52	14.50	0.130	**0.163**	0.049	**0.061**	0.07
14	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	\	100.00%	13.52	14.50	0.076	**0.095**	0.025	**0.031**	0.08
14	Body	WLAN5G	58	5290	11ac-80M	Right	10mm	\	\	100.00%	13.52	14.50	0.071	**0.089**	0.023	**0.029**	0.04
14	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	\	100.00%	13.52	14.50	0.212	**0.266**	0.082	**0.103**	0.02
14	Body	WLAN5G	122	5610	11ac-80M	Front	10mm	\	\	100.00%	13.21	14.50	0.075	**0.101**	0.026	**0.035**	-0.18
14	Body	WLAN5G	122	5610	11ac-80M	Rear	10mm	\	\	100.00%	13.21	14.50	0.073	**0.098**	0.025	**0.034**	0.07
14	Body	WLAN5G	122	5610	11ac-80M	Right	10mm	\	\	100.00%	13.21	14.50	0.065	**0.087**	0.020	**0.027**	0.04
14	Body	WLAN5G	122	5610	11ac-80M	Top	10mm	\	\	100.00%	13.21	14.50	0.220	**0.296**	0.074	**0.100**	-0.17
14	Body	WLAN5G	153	5765	11a	Front	10mm	\	\	100.00%	13.02	14.50	0.112	**0.157**	0.042	**0.059**	0.01
14	Body	WLAN5G	153	5765	11a	Rear	10mm	\	\	100.00%	13.02	14.50	0.065	**0.091**	0.020	**0.028**	0.14
14	Body	WLAN5G	153	5765	11a	Right	10mm	\	\	100.00%	13.02	14.50	0.058	**0.082**	0.016	**0.022**	0.02
14	Body	WLAN5G	153	5765	11a	Top	10mm	\	\	100.00%	13.02	14.50	0.204	**0.287**	0.067	**0.094**	0.04

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
MIMO(9+10)	Head	WLAN5G	46	5230	11n-40M	Cheek Left	0mm	\	\	100.00%	12.78	14.50	0.125	**0.186**	0.041	**0.061**	-0.18
MIMO(9+10)	Head	WLAN5G	46	5230	11n-40M	Tilt Left	0mm	\	\	100.00%	12.78	14.50	0.163	**0.242**	0.051	**0.076**	0.14
MIMO(9+10)	Head	WLAN5G	46	5230	11n-40M	Cheek Right	0mm	\	\	100.00%	12.78	14.50	0.080	**0.119**	0.032	**0.048**	-0.05
MIMO(9+10)	Head	WLAN5G	46	5230	11n-40M	Tilt Right	0mm	\	\	100.00%	12.78	14.50	0.096	**0.143**	0.035	**0.052**	0.19
MIMO(9+10)	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	\	100.00%	13.20	14.50	0.054	**0.073**	0.019	**0.026**	0.11
MIMO(9+10)	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	\	100.00%	13.20	14.50	0.054	**0.073**	0.020	**0.027**	-0.14
MIMO(9+10)	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	\	100.00%	13.20	14.50	0.035	**0.047**	0.014	**0.019**	-0.17
MIMO(9+10)	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	\	100.00%	13.20	14.50	0.046	**0.062**	0.017	**0.023**	0.12
MIMO(9+10)	Head	WLAN5G	138	5690	11ac-80M	Cheek Left	0mm	\	\	100.00%	13.27	14.50	0.068	**0.090**	0.024	**0.032**	0.11
MIMO(9+10)	Head	WLAN5G	138	5690	11ac-80M	Tilt Left	0mm	\	\	100.00%	13.27	14.50	0.093	**0.123**	0.030	**0.040**	-0.05
MIMO(9+10)	Head	WLAN5G	138	5690	11ac-80M	Cheek Right	0mm	\	\	100.00%	13.27	14.50	0.050	**0.066**	0.020	**0.027**	0.04
MIMO(9+10)	Head	WLAN5G	138	5690	11ac-80M	Tilt Right	0mm	\	\	100.00%	13.27	14.50	0.058	**0.077**	0.020	**0.027**	-0.08
MIMO(9+10)	Head	WLAN5G	153	5765	11a	Cheek Left	0mm	\	\	100.00%	13.12	14.50	0.047	**0.065**	0.018	**0.025**	-0.18
MIMO(9+10)	Head	WLAN5G	153	5765	11a	Tilt Left	0mm	\	\	100.00%	13.12	14.50	0.055	**0.076**	0.018	**0.025**	0.17
MIMO(9+10)	Head	WLAN5G	153	5765	11a	Cheek Right	0mm	\	\	100.00%	13.12	14.50	0.063	**0.087**	0.024	**0.033**	-0.02
MIMO(9+10)	Head	WLAN5G	153	5765	11a	Tilt Right	0mm	\	\	100.00%	13.12	14.50	0.055	**0.076**	0.023	**0.032**	-0.03
MIMO(9+10)	Body	WLAN5G	46	5230	11n-40M	Front	10mm	\	\	100.00%	13.76	15.50	0.046	**0.069**	0.017	**0.025**	-0.01
MIMO(9+10)	Body	WLAN5G	46	5230	11n-40M	Rear	10mm	\	\	100.00%	13.76	15.50	0.058	**0.087**	0.022	**0.033**	0.09
MIMO(9+10)	Body	WLAN5G	46	5230	11n-40M	Left	10mm	\	\	100.00%	13.76	15.50	0.097	**0.145**	0.038	**0.057**	0.09
MIMO(9+10)	Body	WLAN5G	46	5230	11n-40M	Right	10mm	\	\	100.00%	13.76	15.50	0.042	**0.063**	0.015	**0.022**	-0.18
MIMO(9+10)	Body	WLAN5G	46	5230	11n-40M	Top	10mm	\	\	100.00%	13.76	15.50	0.103	**0.154**	0.039	**0.058**	0.07
MIMO(9+10)	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	\	100.00%	13.77	15.50	0.057	**0.085**	0.022	**0.033**	0.1
MIMO(9+10)	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	\	100.00%	13.77	15.50	0.061	**0.091**	0.025	**0.037**	-0.19
MIMO(9+10)	Body	WLAN5G	58	5290	11ac-80M	Left	10mm	\	\	100.00%	13.77	15.50	0.127	**0.189**	0.050	**0.074**	0.18
MIMO(9+10)	Body	WLAN5G	58	5290	11ac-80M	Right	10mm	\	\	100.00%	13.77	15.50	0.051	**0.076**	0.018	**0.027**	0.11
MIMO(9+10)	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	\	100.00%	13.77	15.50	0.120	**0.179**	0.046	**0.069**	-0.11
MIMO(9+10)	Body	WLAN5G	138	5690	11ac-80M	Front	10mm	\	\	100.00%	14.02	15.50	0.086	**0.121**	0.033	**0.046**	0.05
MIMO(9+10)	Body	WLAN5G	138	5690	11ac-80M	Rear	10mm	\	\	100.00%	14.02	15.50	0.102	**0.143**	0.043	**0.060**	0.04
MIMO(9+10)	Body	WLAN5G	138	5690	11ac-80M	Left	10mm	\	\	100.00%	14.02	15.50	0.233	**0.328**	0.075	**0.105**	0.11
MIMO(9+10)	Body	WLAN5G	138	5690	11ac-80M	Right	10mm	\	\	100.00%	14.02	15.50	0.071	**0.100**	0.024	**0.034**	0.09
MIMO(9+10)	Body	WLAN5G	138	5690	11ac-80M	Top	10mm	\	\	100.00%	14.02	15.50	0.177	**0.249**	0.065	**0.091**	-0.11
MIMO(9+10)	Body	WLAN5G	153	5765	11a	Front	10mm	\	\	100.00%	13.86	15.50	0.091	**0.133**	0.036	**0.053**	-0.02
MIMO(9+10)	Body	WLAN5G	153	5765	11a	Rear	10mm	\	\	100.00%	13.86	15.50	0.088	**0.128**	0.036	**0.053**	0.1
MIMO(9+10)	Body	WLAN5G	153	5765	11a	Left	10mm	\	\	100.00%	13.86	15.50	0.218	**0.318**	0.068	**0.099**	-0.14
MIMO(9+10)	Body	WLAN5G	153	5765	11a	Right	10mm	\	\	100.00%	13.86	15.50	0.075	**0.109**	0.025	**0.036**	-0.17
MIMO(9+10)	Body	WLAN5G	153	5765	11a	Top	10mm	\	\	100.00%	13.86	15.50	0.158	**0.230**	0.057	**0.083**	0.03
MIMO(10+14)	Head	WLAN5G	46	5230	11n-40M	Cheek Left	0mm	\	\	100.00%	13.03	14.50	0.144	**0.202**	0.050	**0.070**	-0.1
MIMO(10+11)	Head	WLAN5G	46	5230	11n-40M	Tilt Left	0mm	\	\	100.00%	13.03	14.50	0.146	**0.205**	0.052	**0.073**	0.05
MIMO(10+11)	Head	WLAN5G	46	5230	11n-40M	Cheek Right	0mm	\	\	100.00%	13.03	14.50	0.172	**0.241**	0.060	**0.084**	0.04
MIMO(10+11)	Head	WLAN5G	46	5230	11n-40M	Tilt Right	0mm	\	\	100.00%	13.03	14.50	0.135	**0.189**	0.043	**0.060**	0.18
MIMO(10+11)	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	\	100.00%	13.54	14.50	0.082	**0.102**	0.027	**0.034**	0.19
MIMO(10+11)	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	\	100.00%	13.54	14.50	0.055	**0.021**	0.021	**0.026**	0.18
MIMO(10+11)	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	\	100.00%	13.54	14.50	0.146	**0.182**	0.056	**0.070**	0.18
MIMO(10+11)	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	\	100.00%	13.54	14.50	0.081	**0.101**	0.027	**0.034**	0.16
MIMO(10+11)	Head	WLAN5G	138	5690	11ac-80M	Cheek Left	0mm	\	\	100.00%	13.31	14.50	0.059	**0.078**	0.021	**0.028**	-0.14
MIMO(10+11)	Head	WLAN5G	138	5690	11ac-80M	Tilt Left	0mm	\	\	100.00%	13.31	14.50	0.049	**0.064**	0.028	**0.037**	0.19
MIMO(10+11)	Head	WLAN5G	138	5690	11ac-80M	Cheek Right	0mm	\	\	100.00%	13.31	14.50	0.173	**0.228**	0.061	**0.080**	0.05
MIMO(10+11)	Head	WLAN5G	138	5690	11ac-80M	Tilt Right	0mm	\	\	100.00%	13.31	14.50	0.085	**0.112**	0.024	**0.032**	0.13
MIMO(10+11)	Head	WLAN5G	157	5785	11a	Cheek Left	0mm	\	\	100.00%	13.29	14.50	0.114	**0.151**	0.037	**0.049**	0.02
MIMO(10+11)	Head	WLAN5G	157	5785	11a	Tilt Left	0mm	\	\	100.00%	13.29	14.50	0.135	**0.178**	0.043	**0.057**	0.14
MIMO(10+11)	Head	WLAN5G	157	5785	11a	Cheek Right	0mm	\	\	100.00%	13.29	14.50	0.201	**0.266**	0.071	**0.094**	-0.07
MIMO(10+11)	Head	WLAN5G	157	5785	11a	Tilt Right	0mm	\	\	100.00%	13.29	14.50	0.146	**0.193**	0.061	**0.081**	0.09
MIMO(10+11)	Body	WLAN5G	46	5230	11n-40M	Front	10mm	\	\	100.00%	13.92	15.50	0.053	**0.076**	0.013	**0.019**	-0.04
MIMO(10+11)	Body	WLAN5G	46	5230	11n-40M	Rear	10mm	\	\	100.00%	13.92	15.50	0.122	**0.176**	0.029	**0.042**	-0.04
MIMO(10+11)	Body	WLAN5G	46	5230	11n-40M	Left	10mm	\	\	100.00%	13.92	15.50	0.137	**0.197**	0.034	**0.049**	0.09
MIMO(10+11)	Body	WLAN5G	46	5230	11n-40M	Right	10mm	\	\	100.00%	13.92	15.50	0.106	**0.153**	0.024	**0.035**	-0.18
MIMO(10+11)	Body	WLAN5G	46	5230	11n-40M	Top	10mm	\	\	100.00%	13.92	15.50	0.057	**0.082**	0.013	**0.019**	0.01
MIMO(10+11)	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	\	100.00%	14.14	15.50	0.047	**0.064**	0.020	**0.027**	0.02
MIMO(10+11)	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	\	100.00%	14.14	15.50	0.112	**0.153**	0.029	**0.040**	-0.12
MIMO(10+11)	Body	WLAN5G	58	5290	11ac-80M	Left	10mm	\	\	100.00%	14.14	15.50	0.105	**0.144**	0.042	**0.057**	0.04
MIMO(10+11)	Body	WLAN5G	58	5290	11ac-80M	Right	10mm	\	\	100.00%	14.14	15.50	0.115	**0.157**	0.027	**0.037**	0.14
MIMO(10+11)	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	\	100.00%	14.14	15.50	0.039	**0.053**	0.012	**0.016**	0.07
MIMO(10+11)	Body	WLAN5G	138	5690	11ac-80M	Front	10mm	\	\	100.00%	14.09	15.50	0.059	**0.082**	0.020	**0.028**	0.03
MIMO(10+11)	Body	WLAN5G	138	5690	11ac-80M	Rear	10mm	\	\	100.00%	14.09	15.50	0.136	**0.188**	0.032	**0.044**	0.05
MIMO(10+11)	Body	WLAN5G	138	5690	11ac-80M	Left	10mm	\	\	100.00%	14.09	15.50	0.190	**0.263**	0.072	**0.100**	0.13
MIMO(10+11)	Body	WLAN5G	138	5690	11ac-80M	Right	10mm	\	\	100.00%	14.09	15.50	0.061	**0.084**	0.024	**0.033**	0.07
MIMO(10+11)	Body	WLAN5G	138	5690	11ac-80M	Top	10mm	\	\	100.00%	14.09	15.50	0.071	**0.098**	0.025	**0.035**	-0.16
MIMO(10+11)	Body	WLAN5G	157	5785	11a	Front	10mm	\	\	100.00%	13.80	15.50	0.051	**0.075**	0.012	**0.018**	-0.05
MIMO(10+11)	Body	WLAN5G	157	5785	11a	Rear	10mm	\	\	100.00%	13.80	15.50	0.054	**0.080**	0.020	**0.030**	0.03
MIMO(10+11)	Body	WLAN5G	157	5785	11a	Left	10mm	\	\	100.00%	13.80	15.50	0.137	**0.203**	0.039	**0.058**	0.16
MIMO(10+11)	Body	WLAN5G	157	5785	11a	Right	10mm	\	\	100.00%	13.80	15.50	0.062	**0.092**	0.020	**0.030**	-0.03
MIMO(10+11)	Body	WLAN5G	157	5785	11a	Top	10mm	\	\	100.00%	13.80	15.50	0.100	**0.148**	0.037	**0.055**	-0.04

WLAN 6E

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
9	Head	WLAN6E	31	6105	11be-320M	Cheek Left	0mm	\	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	31	6105	11be-320M	Tilt Left	0mm	\	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	31	6105	11be-320M	Cheek Right	0mm	\	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	31	6105	11be-320M	Tilt Right	0mm	\	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	95	6425	11be-320M	Cheek Left	0mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	95	6425	11be-320M	Tilt Left	0mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	95	6425	11be-320M	Cheek Right	0mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	95	6425	11be-320M	Tilt Right	0mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	127	6585	11be-320M	Cheek Left	0mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	127	6585	11be-320M	Tilt Left	0mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	127	6585	11be-320M	Cheek Right	0mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	127	6585	11be-320M	Tilt Right	0mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	159	6745	11be-320M	Cheek Left	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	159	6745	11be-320M	Tilt Left	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	159	6745	11be-320M	Cheek Right	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	159	6745	11be-320M	Tilt Right	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	191	6905	11be-320M	Cheek Left	0mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	191	6905	11be-320M	Tilt Left	0mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	191	6905	11be-320M	Cheek Right	0mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Head	WLAN6E	191	6905	11be-320M	Tilt Right	0mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	31	6105	11be-320M	Front	10mm	\	\		5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	31	6105	11be-320M	Rear	10mm	\	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	31	6105	11be-320M	Right	10mm	\	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	31	6105	11be-320M	Top	10mm	\	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Front	10mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Rear	10mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Right	10mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Top	10mm	\	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Front	10mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Rear	10mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Right	10mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Top	10mm	\	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Front	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Rear	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Right	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Top	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Front	10mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Rear	10mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Right	10mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Top	10mm	\	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
10	Head	WLAN6E	63	6265	11be-320M	Cheek Left	0mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	63	6265	11be-320M	Tilt Left	0mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	63	6265	11be-320M	Cheek Right	0mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	63	6265	11be-320M	Tilt Right	0mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	95	6425	11be-320M	Cheek Left	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	95	6425	11be-320M	Tilt Left	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	95	6425	11be-320M	Cheek Right	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	95	6425	11be-320M	Tilt Right	0mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	127	6585	11be-320M	Cheek Left	0mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	127	6585	11be-320M	Tilt Left	0mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	127	6585	11be-320M	Cheek Right	0mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	127	6585	11be-320M	Tilt Right	0mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	159	6745	11be-320M	Cheek Left	0mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	159	6745	11be-320M	Tilt Left	0mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	159	6745	11be-320M	Cheek Right	0mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	159	6745	11be-320M	Tilt Right	0mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	191	6905	11be-320M	Cheek Left	0mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	191	6905	11be-320M	Tilt Left	0mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	191	6905	11be-320M	Cheek Right	0mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Head	WLAN6E	191	6905	11be-320M	Tilt Right	0mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Front	10mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Rear	10mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Left	10mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Top	10mm	\	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Front	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Rear	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Left	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Top	10mm	\	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Front	10mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Rear	10mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Left	10mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Top	10mm	\	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Front	10mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Rear	10mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Left	10mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Top	10mm	\	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Front	10mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Rear	10mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Left	10mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Top	10mm	\	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
14	Head	WLAN6E	31	6105	11be-320M	Cheek Left	0mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	31	6105	11be-320M	Tilt Left	0mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	31	6105	11be-320M	Cheek Right	0mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	31	6105	11be-320M	Tilt Right	0mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	95	6425	11be-320M	Cheek Left	0mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	95	6425	11be-320M	Tilt Left	0mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	95	6425	11be-320M	Cheek Right	0mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	95	6425	11be-320M	Tilt Right	0mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	127	6585	11be-320M	Cheek Left	0mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	127	6585	11be-320M	Tilt Left	0mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	127	6585	11be-320M	Cheek Right	0mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	127	6585	11be-320M	Tilt Right	0mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	159	6745	11be-320M	Cheek Left	0mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	159	6745	11be-320M	Tilt Left	0mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	159	6745	11be-320M	Cheek Right	0mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	159	6745	11be-320M	Tilt Right	0mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	191	6905	11be-320M	Cheek Left	0mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	191	6905	11be-320M	Tilt Left	0mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	191	6905	11be-320M	Cheek Right	0mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Head	WLAN6E	191	6905	11be-320M	Tilt Right	0mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Front	10mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Rear	10mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Right	10mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Top	10mm	\	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Front	10mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Rear	10mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Right	10mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Top	10mm	\	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Front	10mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Rear	10mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Right	10mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Top	10mm	\	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Front	10mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Rear	10mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Right	10mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Top	10mm	\	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Front	10mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Rear	10mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Right	10mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Top	10mm	\	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	

15.4 SAR results for BT

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
12	Head	BT	78	2480	GFSK	Cheek Left	0mm	\	\	12.60	13.00	0.049	**0.054**	0.028	**0.031**	0.16
12	Head	BT	78	2480	GFSK	Tilt Left	0mm	\	\	12.60	13.00	0.069	**0.076**	0.033	**0.036**	0.01
12	Head	BT	78	2480	GFSK	Cheek Right	0mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
12	Head	BT	78	2480	GFSK	Tilt Right	0mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
12	Body	BT	78	2480	GFSK	Front	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
12	Body	BT	78	2480	GFSK	Rear	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
12	Body	BT	78	2480	GFSK	Right	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
12	Body	BT	78	2480	GFSK	Top	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
7	Head	BT	0	2402	GFSK	Cheek Left	0mm	FIG A.51	\	12.60	13.00	0.071	**0.078**	0.021	**0.023**	0.19
7	Head	BT	0	2402	GFSK	Tilt Left	0mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
7	Head	BT	0	2402	GFSK	Cheek Right	0mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
7	Head	BT	0	2402	GFSK	Tilt Right	0mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
7	Body	BT	0	2402	GFSK	Front	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
7	Body	BT	0	2402	GFSK	Rear	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
7	Body	BT	0	2402	GFSK	Right	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
7	Body	BT	0	2402	GFSK	Top	10mm	\	\	12.60	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Head	BT	39	2441	GFSK	Cheek Left	0mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Head	BT	39	2441	GFSK	Tilt Left	0mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Head	BT	39	2441	GFSK	Cheek Right	0mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Head	BT	39	2441	GFSK	Tilt Right	0mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Body	BT	39	2441	GFSK	Front	10mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Body	BT	39	2441	GFSK	Rear	10mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Body	BT	39	2441	GFSK	Left	10mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Body	BT	39	2441	GFSK	Right	10mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	
13	Body	BT	39	2441	GFSK	Top	10mm	\	\	11.51	13.00	<0.01	**<0.01**	<0.01	**<0.01**	

15.5 SAR results for NFC

RF Exposure Conditions	Frequency Band	Frequency (MHz)	Test setup	Distance	Figure No.	Measured SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Power Drift
Head	NFC	13.56	Cheek Left	0mm	/	**<0.01**	**<0.01**	/
Head	NFC	13.56	Tilt Left	0mm	/	**<0.01**	**<0.01**	/
Head	NFC	13.56	Cheek Right	0mm	/	**<0.01**	**<0.01**	/
Head	NFC	13.56	Tilt Right	0mm	/	**<0.01**	**<0.01**	/
Body	NFC	13.56	Front	10mm	/	**<0.01**	**<0.01**	/
Body	NFC	13.56	Rear	10mm	/	**<0.01**	**<0.01**	/
Body	NFC	13.56	Left	10mm	/	**<0.01**	**<0.01**	/
Body	NFC	13.56	Right	10mm	/	**<0.01**	**<0.01**	/
Body	NFC	13.56	Top	10mm	/	**<0.01**	**<0.01**	/

15.6 SAR results for Phablet

According to the KDB648474 D04, for smart phones, with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, that can provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets and support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance.

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.
2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB Publication 865664 D01 to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold. The normal tablet procedures in KDB Publication 616217 are required when the overall diagonal dimension of the device is > 20.0 cm. Hotspot mode SAR is not required when normal tablet procedures are applied. Extremity 10-g SAR is also not required for the front (top) surface of larger form factor full size tablets. The more conservative normal tablet SAR results can be used to support phablet mode 10-g extremity SAR.
3. The simultaneous transmission operating configurations applicable to voice and data transmissions for both phone and mini-tablet modes must be taken into consideration separately for 1-g and 10-g SAR to determine the simultaneous transmission SAR test exclusion and measurement requirements for the relevant wireless modes and exposure conditions

The 10g extremity SAR is not required for this DUT, because all the hotspot mode 1g reported SAR is less than 1.2 W/kg.

15.7 PD results

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured Normal psPD (W/m^2)	Calculated Normal psPD (W/m^2)	Measured Total psPD (W/m^2)	Calculated Total psPD (W/m^2)	Power Drift
9	Body	WLAN6E	31	6105	11be-320M	Front	0mm	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	31	6105	11be-320M	Rear	0mm	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	31	6105	11be-320M	Right	0mm	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	31	6105	11be-320M	Top	0mm	\	100.00%	5.71	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Front	0mm	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Rear	0mm	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Right	0mm	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	95	6425	11be-320M	Top	0mm	\	100.00%	5.73	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Front	0mm	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Rear	0mm	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Right	0mm	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	127	6585	11be-320M	Top	0mm	\	100.00%	5.93	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Front	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Rear	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Right	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	159	6745	11be-320M	Top	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Front	0mm	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Rear	0mm	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Right	0mm	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
9	Body	WLAN6E	191	6905	11be-320M	Top	0mm	\	100.00%	5.94	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Front	0mm	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Rear	0mm	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Left	0mm	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	63	6265	11be-320M	Top	0mm	\	100.00%	5.62	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Front	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Rear	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Left	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	95	6425	11be-320M	Top	0mm	\	100.00%	5.98	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Front	0mm	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Rear	0mm	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Left	0mm	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	127	6585	11be-320M	Top	0mm	\	100.00%	5.55	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Front	0mm	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Rear	0mm	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Left	0mm	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	159	6745	11be-320M	Top	0mm	\	100.00%	5.25	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Front	0mm	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Rear	0mm	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Left	0mm	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
10	Body	WLAN6E	191	6905	11be-320M	Top	0mm	\	100.00%	5.46	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Front	0mm	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Rear	0mm	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Right	0mm	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	31	6105	11be-320M	Top	0mm	\	100.00%	6.27	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Front	0mm	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Rear	0mm	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Right	0mm	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	95	6425	11be-320M	Top	0mm	\	100.00%	5.61	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Front	0mm	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Rear	0mm	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Right	0mm	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	127	6585	11be-320M	Top	0mm	\	100.00%	5.59	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Front	0mm	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Rear	0mm	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Right	0mm	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	159	6745	11be-320M	Top	0mm	\	100.00%	5.02	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Front	0mm	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Rear	0mm	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Right	0mm	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
14	Body	WLAN6E	191	6905	11be-320M	Top	0mm	\	100.00%	5.06	7.00	<0.01	**<0.01**	<0.01	**<0.01**	

16 SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Original SAR 1g (W/kg)	First Repeated SAR 1g (W/kg)	The Ratio	Second Repeated SAR 1g (W/kg)
0	Body	WCDMA 850	4233	846.6	RMC	Left	10mm	FIG A.6	\	0.932	0.914	1.02	/
0	Body	WCDMA 850	4183	836.6	RMC	Left	10mm	\	\	0.907	0.881	1.03	/
0	Body	WCDMA 850	4132	826.4	RMC	Left	10mm	\	\	0.890	0.871	1.02	/
6	Head	WCDMA 1900	9262	1852.4	RMC	Cheek Right	0mm	FIG A.9	\	0.814	0.778	1.05	/
0	Head	LTE Band12	23130	711	25RB-Middle	Cheek Left	0mm	FIG A.13	Note1	0.865	0.843	1.03	/
0	Head	LTE Band12	23095	707.5	25RB-Middle	Cheek Left	0mm	\	Note1	0.859	0.844	1.02	/
0	Head	LTE Band12	23060	704	25RB-Middle	Cheek Left	0mm	\	Note1	0.800	0.765	1.05	/
0	Body	LTE Band26	26865	841.5	1RB-Low	Left	10mm	FIG A.20	Note1	0.953	0.941	1.01	/
0	Body	LTE Band26	26865	831.5	1RB-Low	Left	10mm	\	Note1	0.916	0.885	1.04	/
0	Body	LTE Band26	26775	822.5	1RB-Low	Left	10mm	\	Note1	0.846	0.814	1.04	/

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Original SAR 1g (W/kg)	First Repeated SAR 10g (W/kg)	The Ratio	Second Repeated SAR 10g (W/kg)
5	Body	GSM1900	512	1850.2	GPRS(1TX)	Bottom	10mm	0.827	0.789	1.05	/
5	Body	WCDMA 1900	9400	1880	RMC	Bottom	10mm	0.836	0.823	1.02	/
5	Body	WCDMA 1900	9262	1852.4	RMC	Bottom	10mm	0.817	0.784	1.04	/
6	Head	WCDMA 1700	1513	1752.6	RMC	Tilt Right	0mm	1.060	1.046	1.01	/
6	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	0.842	0.821	1.03	/
0	Body	WCDMA 850	4233	846.6	RMC	Left	10mm	0.841	0.831	1.01	/
0	Body	LTE Band7	21350	2560	1RB-Mid	Left	10mm	0.923	0.904	1.02	/
0	Body	LTE Band7	21100	2535	1RB-High	Left	10mm	0.877	0.867	1.01	/
0	Body	LTE Band7	20850	2510	1RB-Low	Left	10mm	0.885	0.850	1.04	/
7	Head	LTE Band25	26140	1860	1RB-Low	Cheek Left	0mm	0.802	0.778	1.03	/
6	Head	LTE Band30	27710	2310	1RB-High	Tilt Right	0mm	0.913	0.875	1.04	/
6	Head	LTE Band30	27710	2310	25RB-Middle	Tilt Right	0mm	0.923	0.883	1.05	/
6	Head	LTE Band30	27710	2310	50RB	Tilt Right	0mm	0.900	0.861	1.05	/
5	Body	LTE Band38	37850	2580	50RB-Middle	Bottom	10mm	0.801	0.763	1.05	/
0	Head	LTE Band41 PC3	41490	2680	1RB-High	Cheek Right	0mm	0.944	0.913	1.03	/
0	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Cheek Right	0mm	0.806	0.774	1.04	/
0	Head	LTE Band41 PC3	40620	2593	1RB-High	Cheek Right	0mm	0.800	0.786	1.02	/
0	Head	LTE Band41 PC3	39750	2506	1RB-High	Cheek Right	0mm	0.861	0.822	1.05	/
0	Head	LTE Band41 PC3	41490	2680	50RB-High	Cheek Right	0mm	0.840	0.812	1.03	/
6	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Top	10mm	0.885	0.849	1.04	/
6	Body	LTE Band41 PC3	40185	2549.5	1RB-Low	Top	10mm	0.893	0.853	1.05	/
6	Body	LTE Band41 PC3	39750	2506	1RB-Mid	Top	10mm	0.920	0.890	1.03	/
6	Body	LTE Band41 PC3	41055	2636.5	50RB-Low	Top	10mm	0.954	0.934	1.02	/
6	Body	LTE Band41 PC3	39750	2506	50RB-Mid	Top	10mm	0.808	0.789	1.02	/
0	Head	LTE Band41 PC2	39750	2506	1RB-Low	Tilt Left	0mm	0.085	0.074	1.15	/
0	Head	LTE Band41 PC2	41490	2680	1RB-High	Cheek Right	0mm	0.976	0.942	1.04	/
0	Head	LTE Band41 PC2	41055	2636.5	1RB-Low	Cheek Right	0mm	1.020	0.992	1.03	/
0	Head	LTE Band41 PC2	40620	2593	1RB-High	Cheek Right	0mm	1.020	0.989	1.03	/
0	Head	LTE Band41 PC2	40185	2549.5	1RB-Low	Cheek Right	0mm	0.969	0.932	1.04	/
0	Head	LTE Band41 PC2	39750	2506	1RB-Low	Cheek Right	0mm	1.070	1.036	1.03	/
0	Head	LTE Band41 PC2	41490	2680	50RB-High	Cheek Right	0mm	0.852	0.812	1.05	/
0	Head	LTE Band41 PC2	41055	2636.5	50RB-Low	Cheek Right	0mm	0.890	0.874	1.02	/
0	Head	LTE Band41 PC2	40620	2593	50RB-High	Cheek Right	0mm	0.890	0.875	1.02	/
0	Head	LTE Band41 PC2	40185	2549.5	50RB-Middle	Cheek Right	0mm	0.846	0.813	1.04	/
0	Head	LTE Band41 PC2	39750	2506	50RB-Middle	Cheek Right	0mm	0.934	0.909	1.03	/
0	Head	LTE Band41 PC2	39750	2506	100RB	Cheek Right	0mm	0.847	0.831	1.02	/
6	Body	LTE Band41 PC2	41490	2680	1RB-Low	Top	10mm	0.830	0.797	1.04	/
6	Body	LTE Band41 PC2	40185	2549.5	1RB-Low	Top	10mm	0.863	0.836	1.03	/
6	Body	LTE Band41 PC2	40185	2549.5	50RB-Mid	Top	10mm	0.821	0.801	1.02	/
6	Body	LTE Band41 PC2	39750	2506	50RB-Mid	Top	10mm	0.914	0.877	1.04	/
10	Head	LTE Band48	56640	3690	1RB-High	Cheek Right	0mm	0.849	0.830	1.02	/
10	Head	LTE Band48	55990	3625	1RB-High	Cheek Right	0mm	0.801	0.770	1.04	/
10	Head	LTE Band48	55340	3560	1RB-High	Cheek Right	0mm	0.839	0.803	1.04	/
12	Head	LTE Band48	55990	3625	1RB-Mid	Cheek Left	0mm	0.813	0.789	1.03	/
12	Head	LTE Band48	55340	3560	1RB-Mid	Cheek Left	0mm	0.889	0.864	1.03	/
12	Head	LTE Band48	55340	3560	1RB-Mid	Tilt Left	0mm	0.821	0.788	1.04	/
12	Head	LTE Band48	55990	3625	50RB-Mid	Cheek Left	0mm	0.806	0.766	1.05	/
12	Head	LTE Band48	55340	3560	50RB-Mid	Cheek Left	0mm	0.881	0.858	1.03	/
12	Head	LTE Band48	55340	3560	50RB-Mid	Tilt Left	0mm	0.813	0.796	1.02	/
12	Head	LTE Band48	55340	3560	100RB	Cheek Left	0mm	0.852	0.821	1.04	/
12	Head	LTE Band48	55340	3560	1RB-Mid	Cheek Left	0mm	0.835	0.809	1.03	/
5	Body	LTE Band66	132572	1770	1RB-Low	Bottom	10mm	0.810	0.783	1.03	/
5	Body	LTE Band66	132572	1770	50RB-Mid	Bottom	10mm	0.805	0.771	1.04	/
7	Body	LTE Band66	132072	1720	1RB-Low	Right	10mm	0.835	0.823	1.01	/

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Original SAR 1g (W/kg)	First Repeated SAR 10g (W/kg)	The Ratio	Second Repeated SAR 10g (W/kg)
6	Body	N2	380000	1900	DFT-s-OFDM QPSK	Top	10mm	0.863	0.826	1.04	/
6	Body	N2	372000	1860	DFT-s-OFDM QPSK	Top	10mm	0.882	0.871	1.01	/
7	Head	N2	372000	1860	DFT-s-OFDM QPSK	Cheek Left	0mm	0.801	0.778	1.03	/
0	Head	N5	167800	839	DFT-s-OFDM QPSK	Cheek Left	0mm	0.981	0.951	1.03	/
0	Head	N5	166800	834	DFT-s-OFDM QPSK	Cheek Left	0mm	0.887	0.876	1.01	/
0	Head	N7	510000	2550	DFT-s-OFDM QPSK	Cheek Right	0mm	0.920	0.888	1.04	/
0	Head	N7	504000	2520	DFT-s-OFDM QPSK	Cheek Right	0mm	0.838	0.825	1.02	/
0	Head	N7	510000	2550	DFT-s-OFDM QPSK	Cheek Right	0mm	0.856	0.836	1.02	/
0	Head	N25	374000	1870	DFT-s-OFDM QPSK	Cheek Right	0mm	0.848	0.813	1.04	/
7	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Left	0mm	0.802	0.791	1.01	/
7	Head	N25	374000	1870	DFT-s-OFDM QPSK	Cheek Left	0mm	0.869	0.835	1.04	/
0	Head	N38	523000	2615	DFT-s-OFDM QPSK	Cheek Right	0mm	0.853	0.824	1.04	/
0	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	0.834	0.808	1.03	/
0	Head	N38	515000	2575	DFT-s-OFDM QPSK	Cheek Right	0mm	0.829	0.811	1.02	/
0	Body	N38	523000	2615	DFT-s-OFDM QPSK	Left	10mm	0.850	0.824	1.03	/
0	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	0.813	0.799	1.02	/
0	Body	N38	515000	2575	DFT-s-OFDM QPSK	Left	10mm	0.826	0.813	1.02	/
6	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	0.810	0.794	1.02	/
6	Body	N38	515000	2575	DFT-s-OFDM QPSK	Top	10mm	0.924	0.884	1.05	/
2	Body	N41	537000	2685	DFT-s-OFDM QPSK	Right	10mm	0.834	0.817	1.02	/
5	Body	N41	527799	2639	DFT-s-OFDM QPSK	Bottom	10mm	0.952	0.942	1.01	/
5	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	0.914	0.901	1.01	/
0	Head	N66	352000	1760	DFT-s-OFDM QPSK	Cheek Right	0mm	0.921	0.881	1.05	/
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	0.832	0.807	1.03	/
7	Head	N66	352000	1760	DFT-s-OFDM QPSK	Cheek Left	0mm	0.944	0.934	1.01	/
7	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	0.936	0.906	1.03	/
7	Head	N66	346000	1730	DFT-s-OFDM QPSK	Cheek Left	0mm	1.000	0.965	1.04	/
0	Body	N71	134600	673	DFT-s-OFDM QPSK	Left	10mm	0.801	0.772	1.04	/
6	Head	N77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Right	0mm	0.999	0.971	1.03	/
6	Head	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	0.987	0.971	1.02	/
6	Head	N77-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Right	0mm	0.952	0.925	1.03	/
6	Head	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	0.917	0.904	1.01	/
8	Body	N77-L	630334	3445.01	DFT-s-OFDM QPSK	Right	10mm	0.815	0.781	1.04	/
10	Head	N78-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Right	0mm	0.873	0.859	1.02	/
10	Head	N78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	0.966	0.947	1.02	/
10	Head	N78-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Right	0mm	0.947	0.919	1.03	/
10	Head	N78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	0.803	0.781	1.03	/
10	Body	N78-L	636332	3544.98	DFT-s-OFDM QPSK	Left	10mm	0.818	0.800	1.02	/
10	Head	N78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	0.807	0.796	1.01	/
10	Head	N78-H	647000	3705	DFT-s-OFDM QPSK	Cheek Right	0mm	0.838	0.807	1.04	/
10	Body	N78-H	650000	3750	DFT-s-OFDM QPSK	Left	10mm	0.806	0.793	1.02	/
10	Body	N78-H	647000	3705	DFT-s-OFDM QPSK	Left	10mm	0.838	0.807	1.04	/

17 Measurement Uncertainty

17.1 Measurement Uncertainty for Normal SAR Tests (300MHz~3GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.0	N	1	1	1	6.0	6.0	∞
2	Isotropy	B	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	N	1	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	$\sqrt{3}$	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	$\sqrt{3}$	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	$\sqrt{3}$	1	1	0	0	∞
11	Probe positioned mech. restrictions	B	0.4	R	$\sqrt{3}$	1	1	0.2	0.2	∞
12	Probe positioning with respect to phantom shell	B	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
Test sample related										
14	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
15	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
16	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
17	Phantom uncertainty	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
18	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
19	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
20	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
21	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521

Combined standard uncertainty	$u_c^{'} = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$					9.55	9.43	257
Expanded uncertainty (confidence interval of 95 %)	$u_e = 2u_c$					19.1	18.9	

17.2 Measurement Uncertainty for Normal SAR Tests (3~6GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.55	N	1	1	1	6.55	6.55	∞
2	Isotropy	B	4.7	R	√3	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	√3	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	√3	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	√3	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	√3	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	√3	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	√3	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	√3	1	1	0	0	∞
11	Probe positioned mech. restrictions	B	0.8	R	√3	1	1	0.5	0.5	∞
12	Probe positioning with respect to phantom shell	B	6.7	R	√3	1	1	3.9	3.9	∞
13	Post-processing	B	4.0	R	√3	1	1	2.3	2.3	∞
Test sample related										
14	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
15	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
16	Drift of output power	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up										
17	Phantom uncertainty	B	4.0	R	√3	1	1	2.3	2.3	∞
18	Liquid conductivity (target)	B	5.0	R	√3	0.64	0.43	1.8	1.2	∞
19	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
20	Liquid permittivity (target)	B	5.0	R	√3	0.6	0.49	1.7	1.4	∞

21	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521
Combined standard uncertainty		$u_c^{'} = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$						10.7	10.6	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						21.4	21.1	

17.3 Measurement Uncertainty for Fast SAR Tests (300MHz~3GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.0	N	1	1	1	6.0	6.0	∞
2	Isotropy	B	4.7	R	√3	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	1.0	R	√3	1	1	0.6	0.6	∞
4	Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	√3	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	√3	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	√3	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	√3	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	√3	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	√3	1	1	0	0	∞
11	Probe positioned mech. Restrictions	B	0.4	R	√3	1	1	0.2	0.2	∞
12	Probe positioning with respect to phantom shell	B	2.9	R	√3	1	1	1.7	1.7	∞
13	Post-processing	B	1.0	R	√3	1	1	0.6	0.6	∞
14	Fast SAR z-Approximation	B	7.0	R	√3	1	1	4.0	4.0	∞
Test sample related										
15	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
16	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
17	Drift of output power	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up										
18	Phantom uncertainty	B	4.0	R	√3	1	1	2.3	2.3	∞
19	Liquid conductivity (target)	B	5.0	R	√3	0.64	0.43	1.8	1.2	∞

20	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
21	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
22	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521
Combined standard uncertainty		$u_c^{'} = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$						10.4	10.3	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						20.8	20.6	

17.4 Measurement Uncertainty for Fast SAR Tests (3~6GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.55	N	1	1	1	6.55	6.55	∞
2	Isotropy	B	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	$\sqrt{3}$	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	$\sqrt{3}$	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	$\sqrt{3}$	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	$\sqrt{3}$	1	1	0	0	∞
11	Probe positioned mech. Restrictions	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
12	Probe positioning with respect to phantom shell	B	6.7	R	$\sqrt{3}$	1	1	3.9	3.9	∞
13	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
14	Fast SAR z-Approximation	B	14.0	R	$\sqrt{3}$	1	1	8.1	8.1	∞
Test sample related										
15	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
16	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5

17	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
18	Phantom uncertainty	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
19	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
20	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
21	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
22	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521
Combined standard uncertainty		$u_c' = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$						13.5	13.4	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						27.0	26.8	

17.5 SAR Uncertainty Budget (6GHz~10GHz)

No.	Error Description	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)
Measurement System Errors								
1	Probe calibration	18.6	N	2	1	1	9.3	9.3
2	Probe Calibration Drift	1.0	R	$\sqrt{3}$	1	1	1.0	1.0
3	Probe Linearity	4.7	R	$\sqrt{3}$	1	1	2.7	2.7
4	Broadband Signal	3.0	N	2	1	1	1.5	1.5
5	Probe Isotropy	7.6	R	$\sqrt{3}$	1	1	4.4	4.4
6	Data Acquisition	0.3	N	1	1	1	0.3	0.3
7	RF Ambient	1.8	N	1	1	1	1.8	1.8
8	Probe Positioning	0.2	N	1	0.67	0.67	0.1	0.1
9	Data Processing	3.5	N	1	1	1	3.5	3.5
Phantom and Device Errors								
10	Conductivity (meas.)^{DAK}	2.5	N	1	0.78	0.71	2.0	1.8
11	Conductivity (temp.)^{BB}	2.4	R	$\sqrt{3}$	0.78	0.71	1.1	1.0
12	Phantom Permittivity	14.0	R	$\sqrt{3}$	0.5	0.5	4.0	4.0
13	Distance DUT - TSL	2.0	N	1	2	2	4.0	4.0
14	Device Holder	3.6	N	1	1	1	3.6	3.6
15	DUT Modulation^{m}	2.4	R	$\sqrt{3}$	1	1	1.4	1.4
16	Time-average SAR	2.6	R	$\sqrt{3}$	1	1	1.5	1.5
17	DUT drift	5.0	N	1	1	1	2.9	2.9
Correction to the SAR results								
18	Deviation to Target	1.9	N	1	1	0.84	1.9	1.6
19	SAR scaling^{p}	0	R	$\sqrt{3}$	1	1	0	0
Combined standard uncertainty							14.1	14.0
Expanded uncertainty (confidence interval of 95 %)							28.1	28.0

17.6 PD Uncertainty Budget

The budget is valid for evaluation distance ＞λ/2π. For specific tests and configurations, the uncertainty can be considered smaller.

Error Description		Unc. Value (±dB)	Prob. Dist.	Div.	(C_i)	Std.Unc. (±dB)	(V_i) V_{eff}
Uncertainty terms dependent on the measurement system							
CAL	Calibration	0.49	N	1	1	0.49	∞
FRS	Frequency response	0.20	R	√3	1	0.12	∞
ISO	Isotropy	0.50	R	√3	1	0.29	∞
LIN	Linearity	0.20	R	√3	1	0.12	∞
PPO	Probe positioning offset	0.30	R	√3	1	0.17	∞
PPR	Probe positioning repeatability	0.04	R	√3	1	0.02	∞
APN	Amplitude and phase noise	0.04	R	√3	1	0.02	∞
DAQ	Data acquisition	0.03	N	1	1	0.03	∞
REC	Field reconstruction	0.60	R	√3	1	0.35	∞
SAV	Spatial averaging	0.10	R	√3	1	0.06	∞
SDL	System detection limit	0.04	R	√3	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors							
MOD	Modulation response	0.40	R	√3	1	0.23	∞
DH	Device holder influence	0.10	R	√3	1	0.06	∞
AC	RF ambient conditions	0.04	R	√3	1	0.02	∞
AR	Ambient reflections	0.04	R	√3	1	0.02	∞
DRI	Drift of the DUT	0.02	R	√3	1	0.01	∞
Combined Standard Uncertainty						0.76	∞
Expanded Standard Uncertainty (95%)						1.52	

18 MAIN TEST INSTRUMENTS

Table 18.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	N5239A	MY55491241	May 21, 2024	One year
02	Power sensor	NRP50S	101488	June 5, 2024	One year
03	Power sensor	NRP50S	101489		
04	Signal Generator	MG3700A	6201052605	June 12 2024	One Year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	149646	November 21, 2023	One year
07	BTS	CMW500	170618	April 8, 2024	One year
08	DAE	SPEAG DAE4	1807	May 14,2024	One year
09	E-field Probe	SPEAG EX3DV4	3846	June 19，2024	One year
10	DAE	SPEAG DAE4	1525	September 13,2024	One year
11	DAE	SPEAG DAE4	1556	January 3,2024	One year
12	DAE	SPEAG DAE4	1524	October 20,2023	One year
13	E-field Probe	SPEAG EX3DV4	7464	January 22,2024	One year
14	DAE	SPEAG DAE4	549	January 23,2024	One year
15	E-field Probe	SPEAG EX3DV4	7517	February 21,2024	One year
16	DAE	SPEAG DAE4	1331	September 14,2023	One year
17	E-field Probe	SPEAG EX3DV4	7673	July 29,,2024	One year
18	EummWV Probe	EummWV4	9492	May 28, 2024	One year
19	Dipole Validation Kit	SPEAG D750V3	1017	July 9,2024	One year
20	Dipole Validation Kit	SPEAG D835V2	4d069	July 9,2024	One year
21	Dipole Validation Kit	SPEAG D1750V2	1003	July 11,2024	One year
22	Dipole Validation Kit	SPEAG D1900V2	5d101	July 8,2024	One year
23	Dipole Validation Kit	SPEAG D2450V2	853	July 10,2024	One year
24	Dipole Validation Kit	SPEAG D2600V2	1012	July 10,2024	One year
25	Dipole Validation Kit	SPEAG D5GHzV2	1060	June 12,2024	One year
26	Dipole Validation Kit	SPEAG D6.5GHzV2	1059	December 01,2021	Three year
27	5G Verification Source	10 GHz	1005	January 18，2024	One year
28	Dipole Validation Kit	SPEAG CLA13	1009	May 21,2024	One year

END OF REPORT BODY

Appendixes

Refer to separated files for the following appendixes

ANNEX A Graph Results

ANNEX B System Verification Results

ANNEX C SAR Measurement Setup

ANNEX D Position of the wireless device in relation to the phantom

ANNEX E Equivalent Media Recipes

ANNEX F System Validation

ANNEX G Probe Calibration Certificate

ANNEX H Dipole Calibration Certificate

ANNEX I Accreditation Certificate